DocuPrint C1618
User Guide

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Preface

Thank you for choosing the DocuPrint C1618.
This is a guide on operating the DocuPrint C1618 and the important points to note. To understand the features fully and to use the machine correctly and effectively, please read this guide before using it.
Keep this guide handy for use as a quick reference on using the machine.
This guide is written for users who are familiar with the personal computers, operating systems, and software compatible with this printer. For operational procedures and information regarding these items, refer to the documentation provided with the various hardware and software that you are using.

It may be a legal offence to print currency notes, certificates of stocks and securities, or any other documents of similar nature, regardless of whether they will be used.

This equipment conforms to the guidelines of the Japan Business Machine Makers Association on the harmonic effects by copiers and other reproduction devices. These guidelines conform to the guides on the harmonic suppressors of electronic appliances and general-purpose machines.

In this manual, safety instructions are preceded by the symbol ⚠. Always read and follow the instructions before performing the required procedures.

This equipment is certified as a Class 1 laser product under IEC60825. This means that the machine does not emit hazardous laser radiation. Since radiation emitted inside the machine is completely confined within the protective housings and external covers, the laser beam cannot escape from the machine during any phase of user operation.

As a member of the International Energy Star Program, Fuji Xerox confirms this product satisfies the requirements for International Energy Star Program standards.

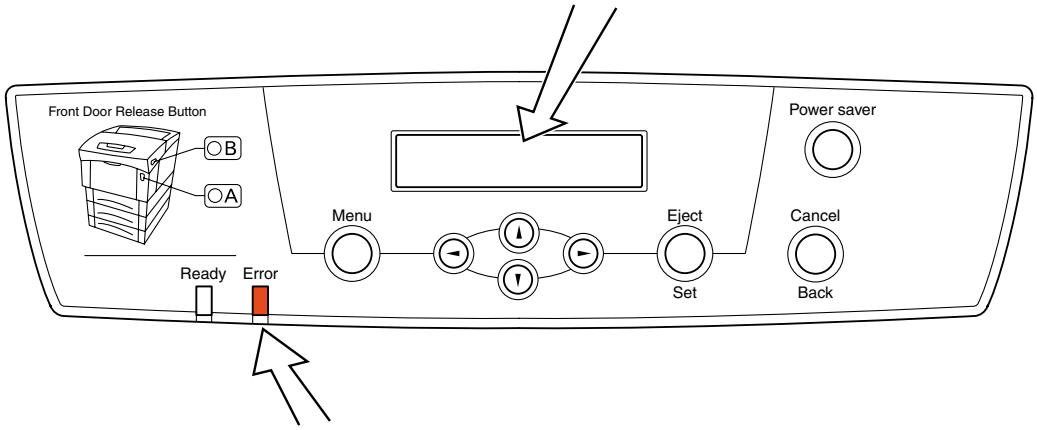
Problem? I don't know what to do!

For situations like this, please read on...

Cannot switch on the printer. P. 134

The printer does not print. P. 135

An error message appears on the control panel.



P. 155

The Error indicator is on or blinking. P. 163

Print quality is not good.

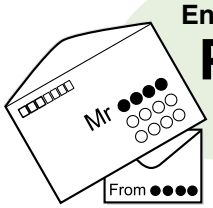
P. 141

Problem!

If you are unable to rectify problems with the recommended remedies, contact your Fuji Xerox or dealers.

I want to stop printing: P. 67

I want to know how to set paper and print:



Envelopes P. 71

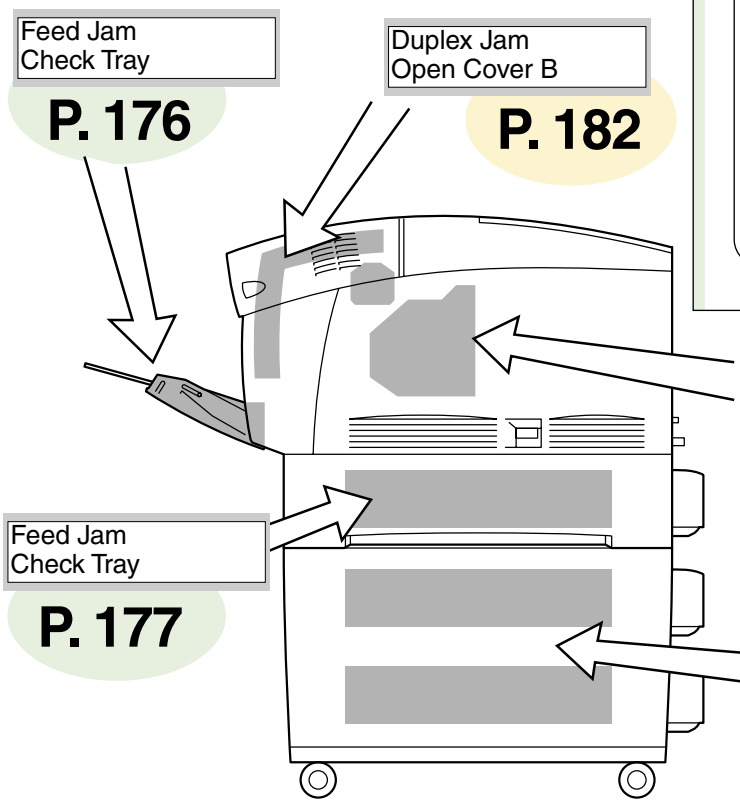
Transparencies P. 73

Custom-size paper P. 76

Two-sided printing P. 80

Two-sided printing on specialty paper P. 81

A paper jam message appears on the control panel:



I want to replace consumables:

Toner cartridge P. 186

Drum cartridge P. 190

Transfer roll cartridge P. 196

Using the printer efficiently!

You can do the following with your printer:

See

Help keywords are used in Windows. For information about the contents of Help and how to use it, refer to "3.4 Using Online Help".

Economizing

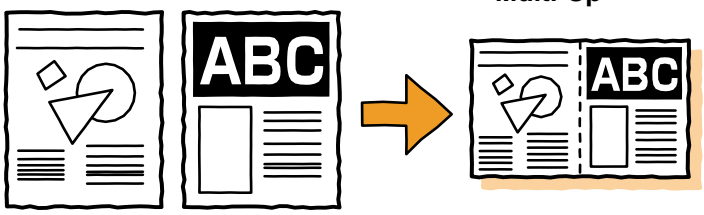
Print on both sides of the paper

Keyword:
2 sided Print

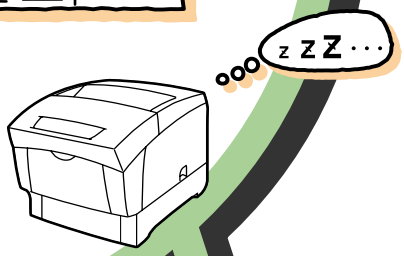
Help

Printing multiple pages on a single page

Keyword:
Multi-Up



Setting the power saver mode



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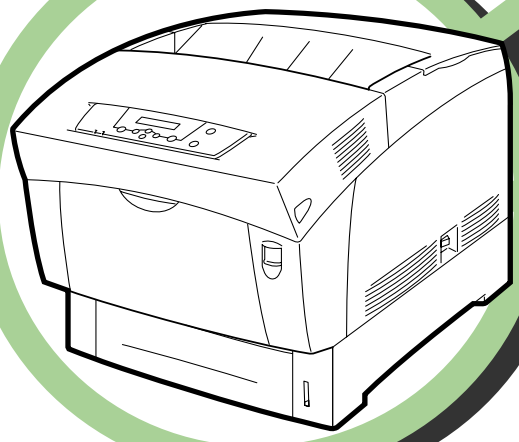
Adjusting colors

Setting different image quality levels to suit your needs

Adjusting tones and image quality

Printing the PDF file directly

PDF File Easy Printing Guide



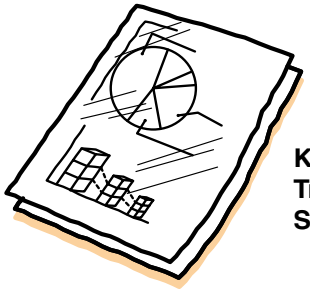
Printing With Various Functions

Help

Printing a stamp such as the word "Confidential" as a background to the main printed text

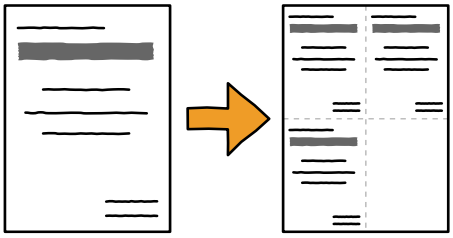
Keyword: Printing a Watermark

Printing on paper inserted between transparency sheets (Transparency Separators)



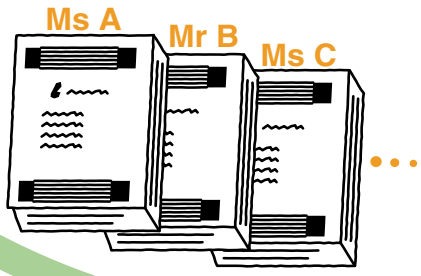
Keyword:
Transparency Separators

Printing a single document several times on the same page (Image Repeat)



Keyword:
Using Image Repeat to Print a Job

Printing with banner sheets to separate print jobs



Keyword:
Placing Banner Sheets Between Jobs

Managing the printer

Managing the printer from a computer
(CentreWare Internet Services)

P. 204

Printer operational settings
Managing job logs
Printing reports

P. 199

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◆ For situations like this, please read on...

◆ You can do the following with your printer:

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◆ The Objective of the International Energy Star Program

◆ Illegal Copies

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Type of Manuals

The following literature is provided with the printer. Use the guide to suit your purposes.
To view or print guides is supplied in PDF format, therefore, you need Adobe® Acrobat® Reader™. If necessary, you can install Adobe Acrobat Reader from the Software Pack CD-ROM provided with the printer.

Setup Guide

This section describes the items in the printer package, the printer and options setup procedures (additional memory, network expansion card, hard disk) available for the printer.
Read this section when setting up the printer.

User Guide (this book)

This section describes the available printer functions and necessary software installation procedures, as well as troubleshooting measures. Read this guide for information about operation and troubleshooting.

Software Pack Operation Guide

This manual explains how to use the DocuPrint C1618 Software Pack CD-ROM in a Windows environment, and how to install the various types of software available in the Software Pack. Once you insert the Software Pack CD-ROM in the CD-ROM drive of your computer, the Fuji Xerox Setup Menu will appear. Click on the appropriate button to display this manual on the screen.

Network Print Environment User Guide

This document describes the different network setup and printing procedures for various different network systems.
The network guide is provided in PDF format on the Software Pack CD-ROM. The name of this file is "Net.pdf".

Other Manuals

Manuals explaining how to use other optional products are included on the Software Pack CD-ROM as PDF files. Refer to these as appropriate for options you have purchased.

Using This Guide

Organization

The present guide is divided into the following nine chapters. A brief outline of each chapter is given below.

Chapter 1 Printer System Settings

Describes the color registration procedures, system requirements, and network settings needed to use the printer.

Chapter 2 Installing the Printer Driver

Describes the procedure for installing software necessary to use the printer (the printer driver) on your computer.

Chapter 3 Basic Printer Operation

Describes the basic functions of the printer and how to use them.

Chapter 4 Loading Paper and Usable Paper Types

Describes the loading methods of the various types of paper compatible with the printer.

Chapter 5 Control Panel

Describes the operation of the control panel and functions that you can set from it.

Chapter 6 Troubleshooting

Describes error messages and their meanings, as well as what to do in case an error message appears.
Also describes common problems that occur during printing and their remedies. Read this chapter to determine the nature of the problem and the best method of dealing with it.

Chapter 7 Clearing Paper Jams

This chapter explains procedures to deal with paper jams.

Chapter 8 Daily Care

Describes the consumables used by the printer, handling precautions, and replacement procedures.
Also, this chapter describes the cleaning procedures required for continued normal operation, printer storage requirements when it is not in use over a long period, and procedures for transporting the printer.

Appendix

The following information is presented in the appendix.

- Introduction to Options and Consumables
- Control Panel Menu List
- Specifications
- Life Span of Consumables
- Obtaining Product Information
- Precautions and Limitations
- Glossary

Conventions

1. In this guide, "computer" refers to personal computer, Macintosh, workstation, and host device.
2. The following icons are used in this guide.

   LOOK Indicates important information which you should read.

   Note Indicates additional information about operations or features.

   See Indicates reference sources.
   " ": indicates reference to a chapter or section.

3. The following conventions are used in this guide.

   Bold: Indicates selections and all kinds of buttons.
   Example: Click **Next**.

Safety Notes

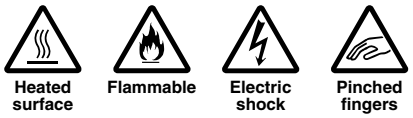
For your own safety, please read this page carefully before using the machine.

Graphic symbols used throughout this guide

⚠ WARNING Used for items that if not followed strictly, can lead to severe or fatal injuries.

⚠ CAUTION Used for items that if not followed strictly, can cause injury to the user or damage to the machine.

△ A symbol for items to pay attention to when handling the machine. Follow instructions carefully to use the machine safely.



⃠ A symbol for prohibited items. Follow instructions carefully to avoid any dangerous acts.

● A symbol for items that must be performed. Follow instructions carefully to carry out these essential tasks.

For Installation & Relocation

⚠ CAUTION

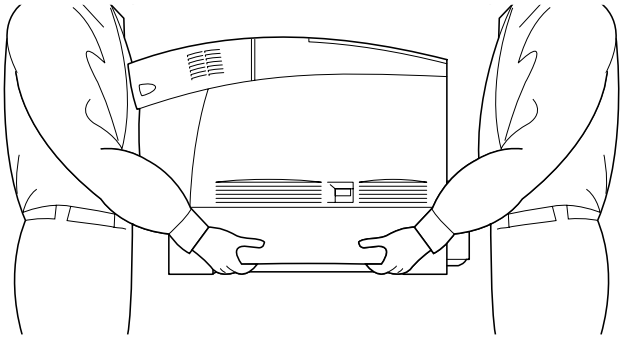
⃠ Do not place the machine in a hot, humid, dusty, or poorly ventilated environment. Prolonged exposure to these adverse conditions can cause fire or electric shocks.

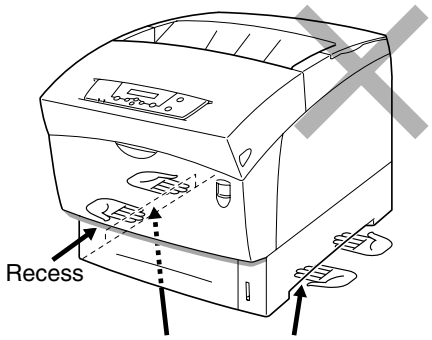
⃠ Do not place the machine near heaters or volatile, flammable, or combustible materials such as curtains that may catch fire.

● Place the machine on a level and sturdy surface that can withstand the machine weight. If tilted, the machine may fall over and cause injuries.

● The machine weighs 35.3 kg when the consumables and paper tray are fully assembled. When moving the equipment, make sure that there are two or more persons carrying it.

When lifting the machine, face the front panel and firmly grip the recessed areas provided on both sides of the machine. Never try to lift the machine by gripping any other areas. Lifting the machine by gripping any other areas can cause the machine to fall and result in injuries.

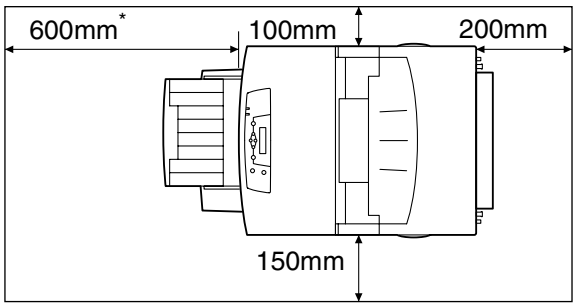




If you hold the printer by the front door, left or right sides, there is a danger of the printer falling.

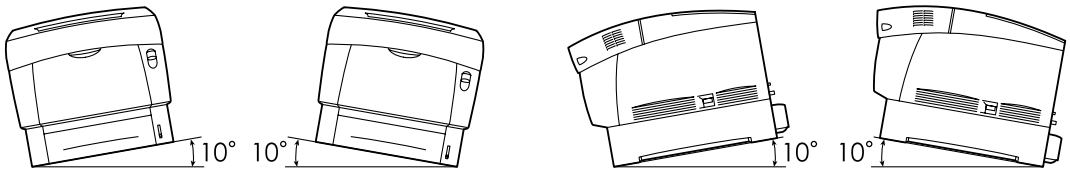
When lifting the machine, get a firm footing and bend your knees to avoid possible injuries to your back.

The machine has ventilation holes on the left, right, and rear sides. Ensure that the machine is installed with a minimum clearance of 150 mm from the right side, 100 mm from the left side, and 200 mm from the rear side. A poorly ventilated machine can cause excessive internal heat and fire. The accompanying diagram shows the minimum clearances required for normal operation, consumables replacement, and maintenance to ensure your machine operates at peak performance.



When moving the machine, be sure to unplug the power cord from the outlet. If the machine is moved with the power cord connected, it can cause damage to the cord which could result in fire or electric shocks.

When moving the machine, do not tilt it more than an angle specified in the figure below. If tilted excessively, the machine may fall over and cause injuries.



When the optional 2 tray module is installed, be sure to lock the caster stoppers. An unlocked machine may fall over or slide and cause injuries.

Others

- The machine is capable of operating normally within the following recommended environmental limits.
  Temperature range 10–32°C
  Humidity range 15–85 % (no condensation)
  Humidity should be 65 % or below at 32°C, and temperature should be 28°C or below at 85 % humidity.

  Note

  Sudden temperature fluctuations can affect copy quality. Rapid heating of a cold room can cause condensation inside the machine, directly interfering with image transfer.

- Do not expose the machine to direct sunlight. Exposure to direct sunlight can adversely affect the machine's performance.

- When moving the printer, remove the toner cartridges. Do not reuse toner cartridges once you have removed them from the printer. Loose toner can spill inside the printer and impair print quality.

- Do not place the printer immediately next to an air conditioner or heater. Doing so will affect the printer's internal temperature, possibly resulting in damage.

For Power & Earth Connection

⚠WARNING

Three power specifications are listed below. The specifications that apply to your machine depend on your machine configuration. Connect the power plug only to a properly rated power outlet. Otherwise, it can cause fire or electric shocks. If in doubt, contact your Fuji Xerox or dealers.

- Rated voltage 100 V
  Rated frequency 50/60 Hz
- Rated voltage 110 V
  Rated frequency 60 Hz
- Rated voltage 220-240 V
  Rated frequency 50/60 Hz

Never use multi-plug adaptors to plug multiple power plugs in the same outlet. Be sure to operate the machine on a sole-use receptacle. Multiple connectors can cause the outlet to overheat and cause fire.

Ensure that the plug connection is free of dust. In a damp environment, a contaminated connector can draw a non-negligible amount of current that can generate heat and eventually cause fire over an extended period of time.

Always use the power cord provided with your machine. When an extension power cord is required, always use a properly rated cord.

- In Japan: 125 V/15 A
- In other countries: Contact your Fuji Xerox or dealers.

If you use a cord with an unspecified current rating, the machine or plug may emit smoke or become hot to the touch externally.

Do not attempt to rework, pull, bend, chafe, or otherwise damage the power cord. Do not place a heavy object on the cord. A damaged cord can cause fire or electric shocks.

Never touch a power cord with wet hands. Danger of electric shock exists.

Stop operation immediately if your machine produces smoke, excessive heat, unusual noise, or smell, or if water is spilt onto the machine. These conditions can cause fire. Immediately switch off and unplug the machine, and contact your Fuji Xerox or dealers.

To prevent fire or electric shocks, follow the instruction below based on your machine configuration. If in doubt, contact your Fuji Xerox or dealers.

- If your machine is a 220–240 V model, there is no need to attach a separate earth line since the earth connection is incorporated in the power line. Plug it into a properly rated outlet.

If the power cord is broken or insulated wires are exposed, ask your Fuji Xerox or dealers for a replacement. Using a damaged cord can cause fire or electric shocks.

⚠CAUTION

Do not unplug or replug the machine while it is on. Unplugging a live connector can deform the plug and cause fire.

When unplugging the machine, grasp the plug instead of the cord. Forcibly pulling on a cord can damage it and cause fire or electric shocks.

Be sure to switch off and unplug the machine before accessing the interior of the machine for cleaning, maintenance, or fault clearance. Access to a live machine's interior can cause electric shocks.

Once a month, unplug the machine and check the power cord for the following:

- The power cord is plugged firmly into a receptacle.
- The plug is not excessively heated, rusted, or bent.
- The plug and receptacle are free of dust.
- The cord is not cracked or frayed.

If you notice any unusual conditions, contact your Fuji Xerox or dealers.

When the machine is not used over an extended period of time, switch it off and unplug it. If an unused machine is left connected to a power source for a long period, degraded insulation can cause electric shocks, current leakages, or fire.

Switch off the machine before connecting the interface cable or any optional product. Connecting the cable or optional product with a live machine can cause electric shocks.

Others

● Reception interference
When installed at a certain location, the machine may cause interference with radio and television reception. If you notice flickering or distorted images or noises on your audio-visual units, your machine may be causing radio interference. Switch it off, and if the interference disappears, the machine is the cause of radio interference. Perform the following procedure until the interference is corrected.

- Move the machine and the TV and/or radio away from each other.
- Reposition or reorientate the machine and TV and/or radio.
- Unplug the machine, TV and/or radio, and replug them into outlets that operate on different circuits.
- Reorientate the TV and/or radio antennas and cables until the interference stops. For an outdoor antenna, ask your local electrician for support.
- Use coaxial cable antennas.

For Machine Operation

⚠WARNING

Do not place any liquid container such as a vase or coffee cup on the machine. Spilt water can cause a fire or shock hazard.

Do not place any metal parts such as staples or clips on the machine. If metal and flammable parts get into the machine, they can short-circuit internal components, and cause fire or electric shocks.

If debris (metal or liquid) gets into the machine, switch off and unplug the machine. Contact your Fuji Xerox or dealers. Operating a debris-contaminated machine can cause fire or electric shocks.

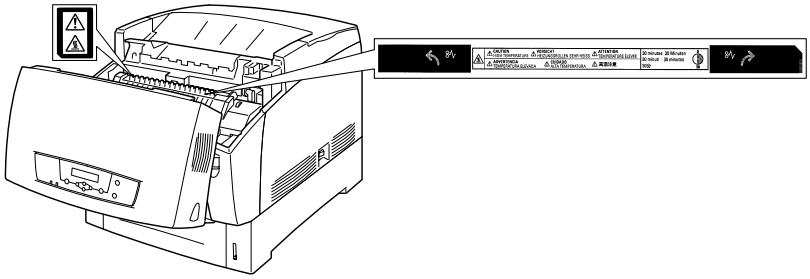
Never open or remove machine covers that are secured with screws unless specifically instructed in the Use Guide. A high voltage component can cause electric shocks.

Do not try to alter the machine configuration, or modify any parts. An unauthorized modification can cause smoke or fire.

This equipment is certified as a Class 1 laser product under IEC60825. This means that the machine does not emit hazardous laser radiation. Since radiation emitted inside the machine is completely confined within the protective housings and external covers, the laser beam cannot escape from the machine during any phase of user operation. Do not perform any operation apart from the instructions given in the manual. There may be a danger of laser beam leakage.

⚠CAUTION

Never touch a labelled area found on or near the heat roller. You can get burnt.If a sheet of paper is wrapped around the heat roller, do not try to remove it by yourself to avoid injuries or burns. Switch off the machine immediately, and contact your Fuji Xerox or dealers.



Do not place any heavy object on the machine. An off-balance machine can fall over or the heavy object can fall, causing injuries.

Do not use a highly flammable spray or solvent near the machine. It can cause fire.

When removing jammed paper, make sure that no pieces of torn paper are left in the machine. A piece of paper remaining in the machine can cause fire.
If a sheet of paper is wrapped around the heat roller, or when clearing a jammed paper that is difficult or impossible to see, do not try to remove it by yourself. Doing so can cause injuries or burns. Switch off the machine immediately, and contact your Fuji Xerox or dealers.

Do not place a magnet near the safety switch of the machine. A magnet can activate the machine accidentally, resulting in injuries.

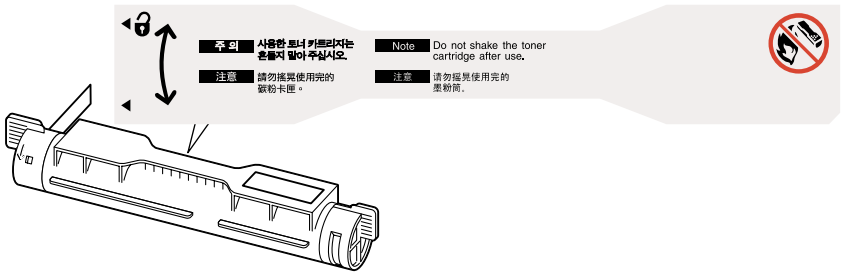
Others

- When clearing a paper jam or other fault, follow instructions in the User Guide.
- Do not use the machine if it is tilted more than 5 degrees in either the front-to-back or left-to-right directions. Doing so could result in damage.

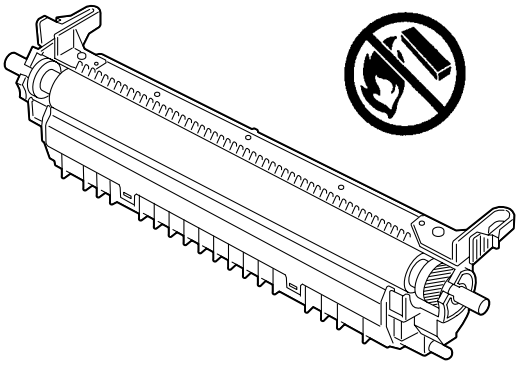
For Consumables

⚠WARNING

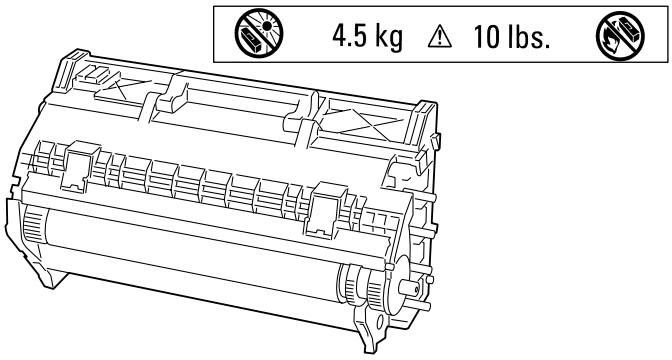
Never throw a toner cartridge into an open flame. It can cause an explosion and you can get burnt.



Never throw a transfer roll cartridge into an open flame. It can cause an explosion and you can get burnt.



Never throw a drum cartridge into an open flame. It can cause an explosion and you can get burnt.



Others

- Do not unpack consumables before use. Store consumables in a cool, dry, and clean environment, away from an open flame, and out of direct exposure to sunlight.
- When using consumables, read and observe operating instructions and safeguards given on the package and container.
- Administer emergency first aid as follows:
  - If you get toner in your eyes, rinse them abundantly in clean water and consult your physician, if necessary.
  - If you get toner on your skin, wash it with soap and water. Rinse well.
  - If you inhale toner, leave the contaminated area immediately and gargle with water.
  - If you swallow toner, induce vomiting and consult your physician immediately.
- When you remove the transfer roll cartridge from the printer because the transfer roll collection box is full, do not attempt to empty the transfer roll box and reuse the cartridge, as toner may spill inside the printer and cause damage. Loose toner can spill inside the printer and deteriorate print quality.
- Do not tilt or shake drum cartridges or transfer roll cartridges when removing them temporarily. Loose toner can spill inside the printer and deteriorate print quality.

The Objective of the International Energy Star Program

To protect the global environment and conserve energy sources, the International Energy Star Program encourages the following product features. Fuji Xerox confirms DocuPrint C1618 satisfies the requirements for this program.

Low Power Mode Feature

This product has a power-saving feature, which switches the machine to the lower mode ("Power Saver Mode 1") automatically if the machine is on and not operated for a certain period of time. In this mode the machine lowers the fuser temperature and saves the power consumption. The default low power mode start time is set at three minutes. You can change this setting from 1 to 120 minutes. See "Chapter 5 Control Panel" of this guide for details.

Note

In addition to "Power Saver Mode 1", this printer features "Power Saver Mode 2", a second power mode that saves even more power.

Illegal Copies

Copying certain documents may be illegal in your country. Penalties of fines or imprisonment may be imposed on those found guilty.
The following are examples of items that may be illegal to copy in your country:

- ❑ Currency
- ❑ Banknotes and cheques
- ❑ Bank and government bonds and securities
- ❑ Passports and identification cards
- ❑ Copyright material or trademarks without the consent of the owner
- ❑ Postage stamps and other negotiable instruments

This list is not inclusive and no liability is assumed for either its completeness or accuracy. In case of doubt, contact your legal counsel.

Chapter 1

Printer System Settings

1.1 Adjusting Color Registration 2
1.2 Configuring the Printer 5

1.1 Adjusting Color Registration

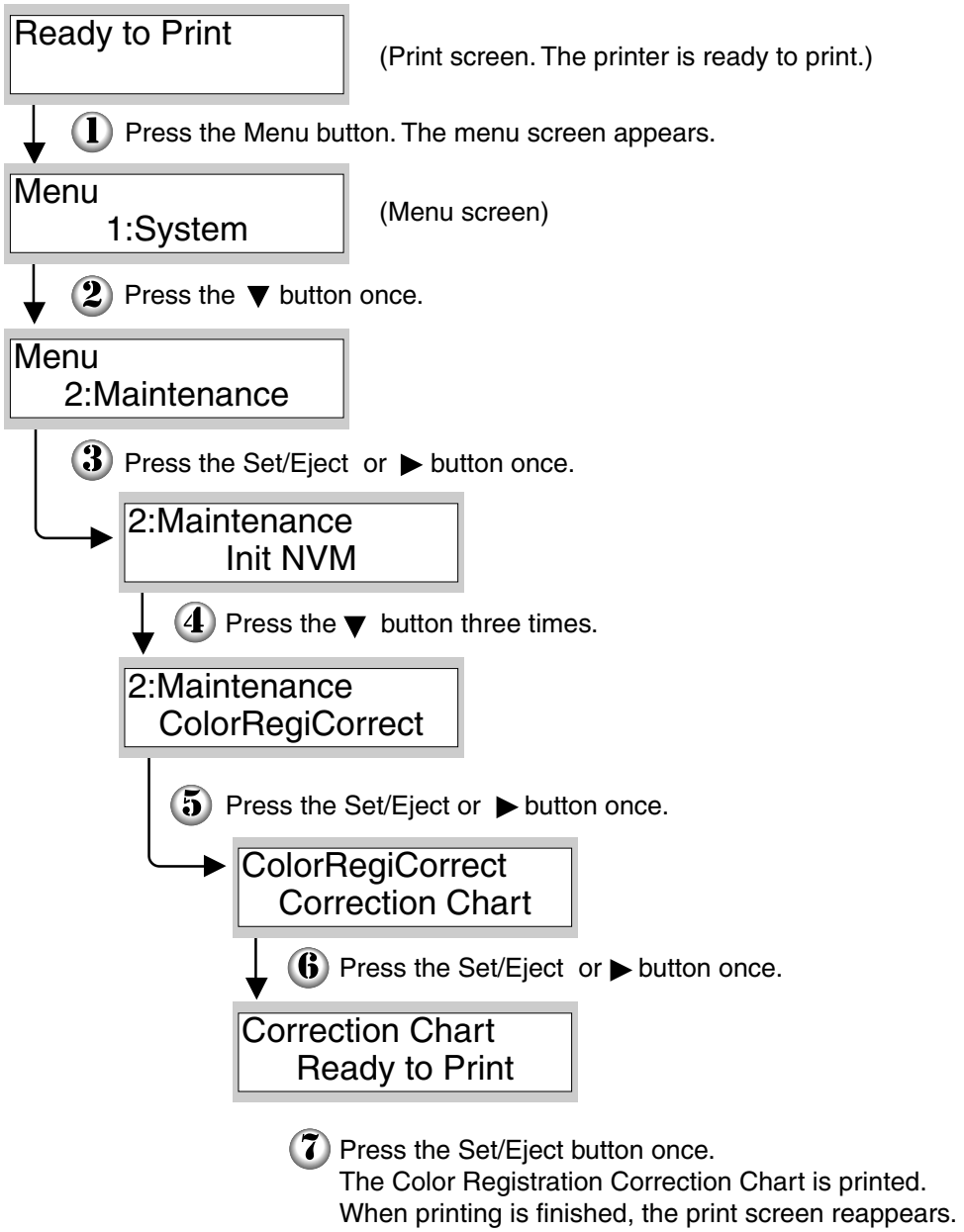
Follow the procedure below to adjust the color registration when you first install the printer or after moving it to a new location.

See

Refer to "5.2 Basic Menu Operation" and "Appendix B Control Panel Menu List" for information about the operation of the control panel.

Printing the Color Registration Correction Chart

Use the control panel to print the Color Registration Correction Chart.

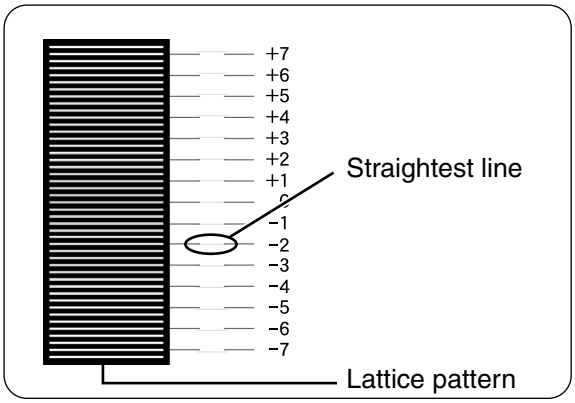

Ready to Print
(Print screen. The printer is ready to print.)
1 Press the Menu button. The menu screen appears.
Menu
1:System
(Menu screen)
2 Press the ▼ button once.
Menu
2:Maintenance
3 Press the Set/Eject or ▶ button once.
2:Maintenance
Init NVM
4 Press the ▼ button three times.
2:Maintenance
ColorRegiCorrect
5 Press the Set/Eject or ▶ button once.
ColorRegiCorrect
Correction Chart
6 Press the Set/Eject or ▶ button once.
Correction Chart
Ready to Print
7 Press the Set/Eject button once.
The Color Registration Correction Chart is printed.
When printing is finished, the print screen reappears.

Determining Values

From the lines to the right of the Y (yellow), M (magenta), and C (cyan) pattern, find the values of the straightest lines.

Note

You can also use the densest colors of the grid to find the straightest lines. The colors printed at the highest density are those next to the straightest lines.
When "0" is the value nearest the straightest line, you do not need to adjust the color registration.
When the value is not "0", follow the procedure outlined in "Entering Values".



Entering Values

Using the control panel, enter the values that you found in the Color Registration Correction Chart to make adjustments.

Ready to Print

1 Follow steps 1 through 5 on the previous page to display the color registration correction chart settings menu.

ColorRegiCorrect
Correction Chart

2 Press the ▼ button once.

ColorRegiCorrect
Enter Number

3 Press the Set/Eject or ▶ button once.

Continued

Continued from previous page.

Enter Number
Y= 0 M= 0 C= 0

④ Using the ▼ or ▲ buttons, press the buttons until you reach the value (for example, +3) displayed on the chart.

Enter Number
Y=+3 M= 0 C= 0

⑤ Press the ▶ button once and move the cursor to the next value.

Enter Number
Y=+3 M= 0 C= 0

⑥ Repeat steps ④ and ⑤ to continue adjusting the color registration.

Enter Number
Y=+3 M=+1 C=+2

⑦ Press the Set/Eject button once.

Correction Chart
Ready to Print

⑧ Press the Set/Eject button once.
The Color Registration Correction Chart is printed with the new values.

⑨ Color registration adjustment is complete when the straightest Y (yellow), M (magenta), and C (cyan) lines are next to the "0" line.

LOOK

After printing the Color Registration Correction Chart, do not turn off the printer until the printer motor has stopped running.

Note

If "0" is not next to the straightest lines, determine the values and adjust again.

1.2 Configuring the Printer

This section describes how to confirm your system environment and how to make the necessary printer settings.

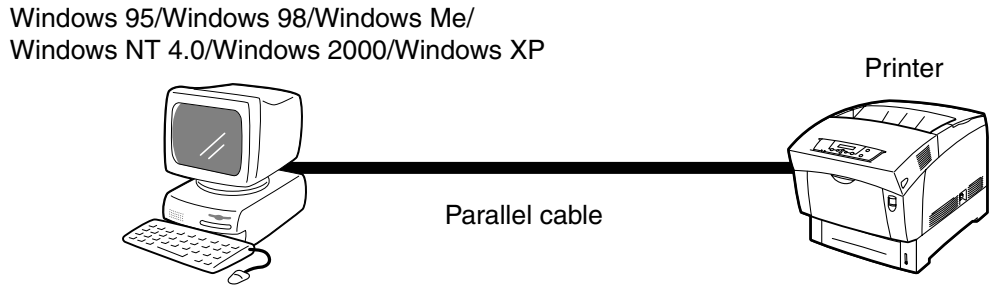
1.2.1 Compatible Systems

You can use the printer locally when it is connected directly to your computer. You can use the printer through a network when it is connected to a network. Because the printer supports a variety of protocols, it is possible to share it among a number of different networks.

Local Connection

You can connect the printer to your computer with a parallel or USB cable.

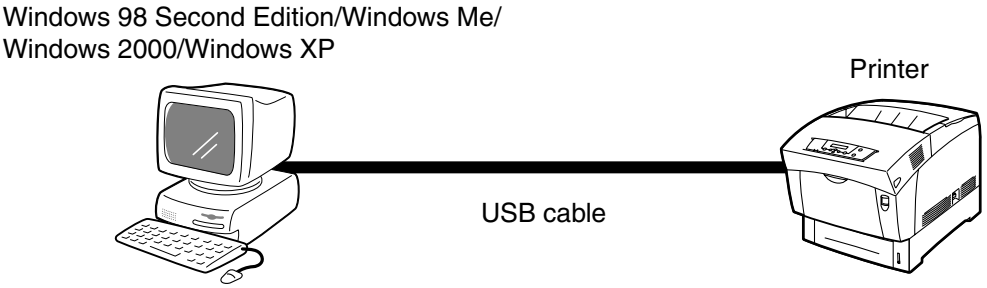
<Parallel cable connection>



<USB cable connection>

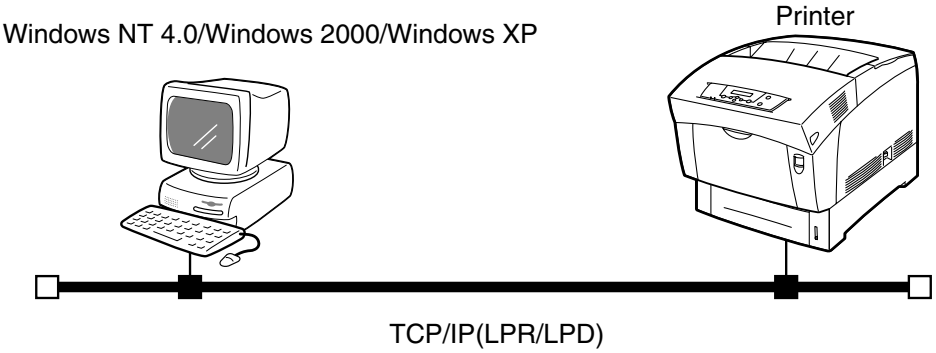
You can use a USB cable to connect the printer if any of the conditions below are met: However, we cannot guarantee the normal operation of all USB compatible equipment.

- Computers running preinstalled Windows Me, preinstalled Windows 98 Second Edition, preinstalled Windows 2000, or preinstalled Windows XP.



TCP/IP (Windows NT 4.0/Windows 2000/Windows XP)

The printer supports TCP/IP (LPD) protocol, allowing you to print by sending data through an lpr port directly to the printer from computers running Windows NT 4.0, Windows 2000, or Windows XP. To do this, you need to set the IP address of the printer and the Windows NT 4.0, Windows 2000, or Windows XP computer.

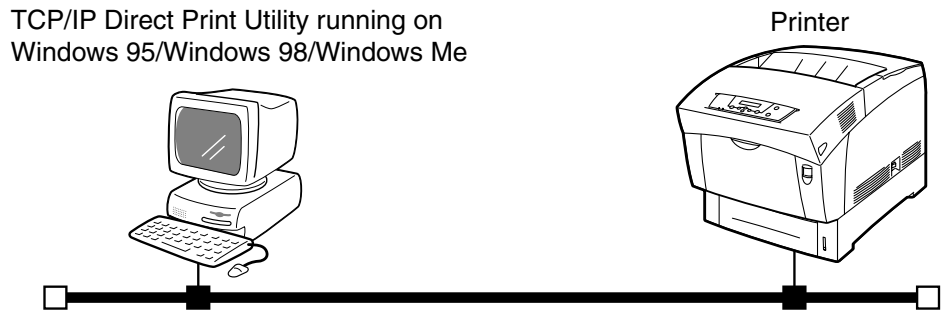


■In Windows 2000/Windows XP the following are possible:

- The printer supports port 9100, allowing you to print by sending data from the designated port to the printer.
- The printer supports IPP, allowing you to print by specifying the URL of the printer and sending data to it through the Internet.

TCP/IP (Windows 95/Windows 98/Windows Me)

Use the TCP/IP Direct Print Utility to print from Windows 95, Windows 98, or Windows Me.
The TCP/IP Direct Printer Utility is a program that sends print data from the computer directly to the printer through a network, without the need to go through a network print server.
To do this, you need to set the IP address of the printer and the Windows 95, Windows 98, or Windows Me computer.
The TCP/IP Direct Print Utility protocol also works with LPD and port 9100.



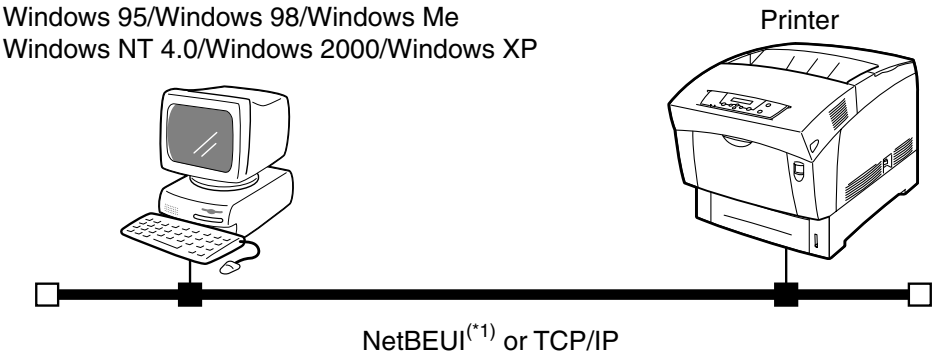
■With Windows Me setup for IPP, the following types of printing are possible:

The printer supports IPP, allowing you to print by specifying the URL of the printer and sending data to it through the Internet.

SMB (Windows network)

Installing an optional network expansion card enables the printer to use the SMB (Server Message Block) protocol. The SMB protocol allows computers running Windows 95, Windows 98, Windows Me, Windows NT 4.0, Windows 2000, and Windows XP to share files and printers. Using the SMB protocol means that you do not need to use a server. Printing is carried out by sending data directly to the printer.

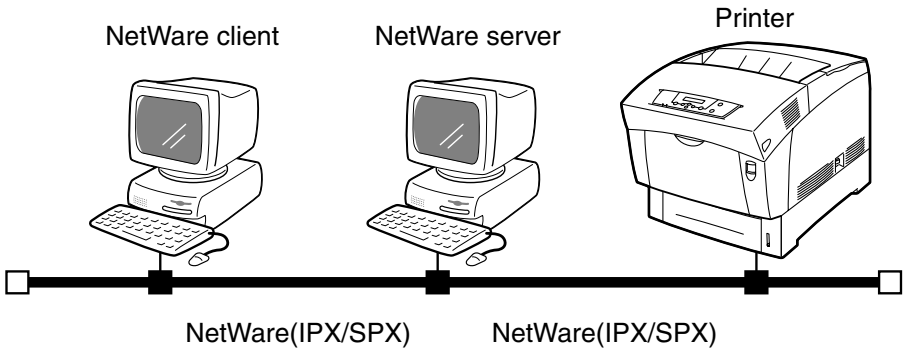
The SMB transport protocol can be NetBEUI or TCP/IP. However, Windows XP does not support NetBEUI.



(*1)Windows XP does not support NetBEUI.

NetWare®

Installing an optional network expansion card enables the printer to use IPX/SPX protocol. In a network environment using NetWare versions 3.12, 3.2, 4.1, 4.11, 4.2, or 5.0 from Novell Inc., printing is performed from NetWare client computers.

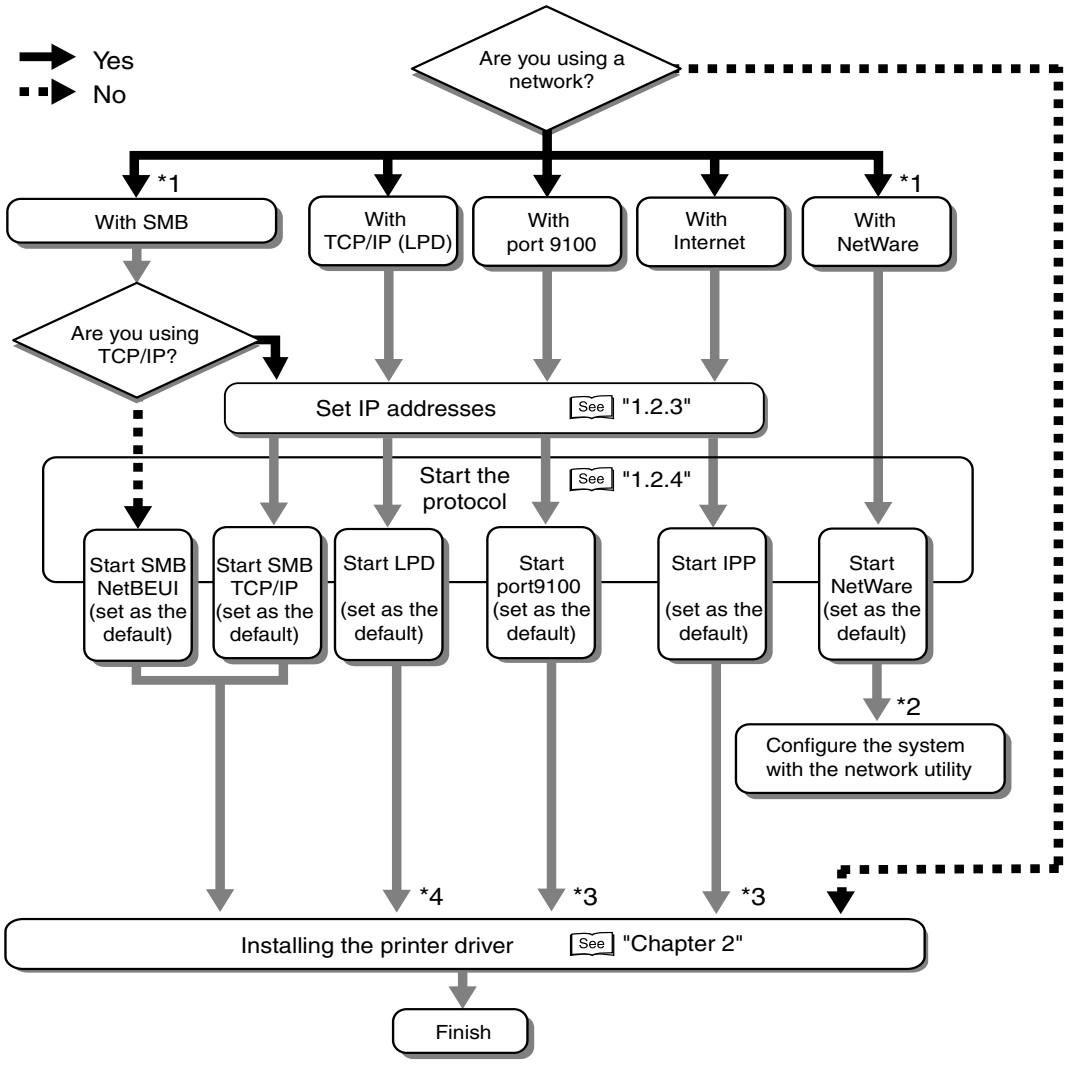


Printing from a Macintosh Computer

The optional PostScript3 kit is required in order to print from a Macintosh computer.
When the printer is connected to the Macintosh computer by USB cable, printing is possible using the Adobe PostScript driver.
Further, with the optional network expansion card installed, the printer can be connected to an EtherTalk network. Printing is then possible from Macintosh computers that are connected to the network.
See the User Guide (PostScript3 Kit) for how to print from a Macintosh computer.

1.2.2 Printer Configuration Flow

This section describes the flow of printer configuration.
Refer to the flow chart and confirm that each requirement is met, according to your needs.



*1 To use these protocols you need an optional network expansion card.
*2 Refer to "Configuring in NetWare Environment" in the Network Print Environment User Guide.
*3 Refer to "Configuring in TCP/IP Environment" in the Network Print Environment User Guide.
*4 Windows NT 4.0, Windows 2000, and Windows XP allow you to share the printer. For details about how to share the printer and printing from client computers, refer to "Configuring in TCP/IP Environment" in the Network Print Environment User Guide.

Cases When You Should Refer to the Network Print Environment User Guide

The following network functions are provided with the printer. For details about these functions, refer to the Network Print Environment User Guide on the CD-ROM provided with the printer.

■In a variety of network environments, the printer gives you flexibility to:

- In a TCP/IP system...
  Have the printer's IP address managed by a DHCP server.
  Register the printer on a WINS server.

LOOK

The IP address will change from time to time when you use DHCP, so periodic confirmation of the IP address is necessary. An optional network expansion card is required in order to use DHCP in a WINS environment.

- In an SMB system... Change the host name or workgroup name.

■Using CentreWare Internet Services in a TCP/IP system

This enables you to display the printer status and make various settings from a Web page. This function is called "CentreWare Internet Services".

■The printer has an SNMP agent function for use in TCP/IP and NetWare systems.

With the SNMP function active (active by default), you can control the printer from an SNMP manager.

Also, with the CentreWare Simple Status Notification function, you can check the status of the printer from your computer.

■In a TCP/IP system, the printer can send and receive e-mail.

E-mail can be used to control operation of the printer over a corporate network or through the Internet. This function is called the "Status Messenger".

1.2.3 Setting the IP Address

This section describes the procedure for setting the IP address, subnet mask, and gateway address from the control panel of the printer.
Follow the procedure below.

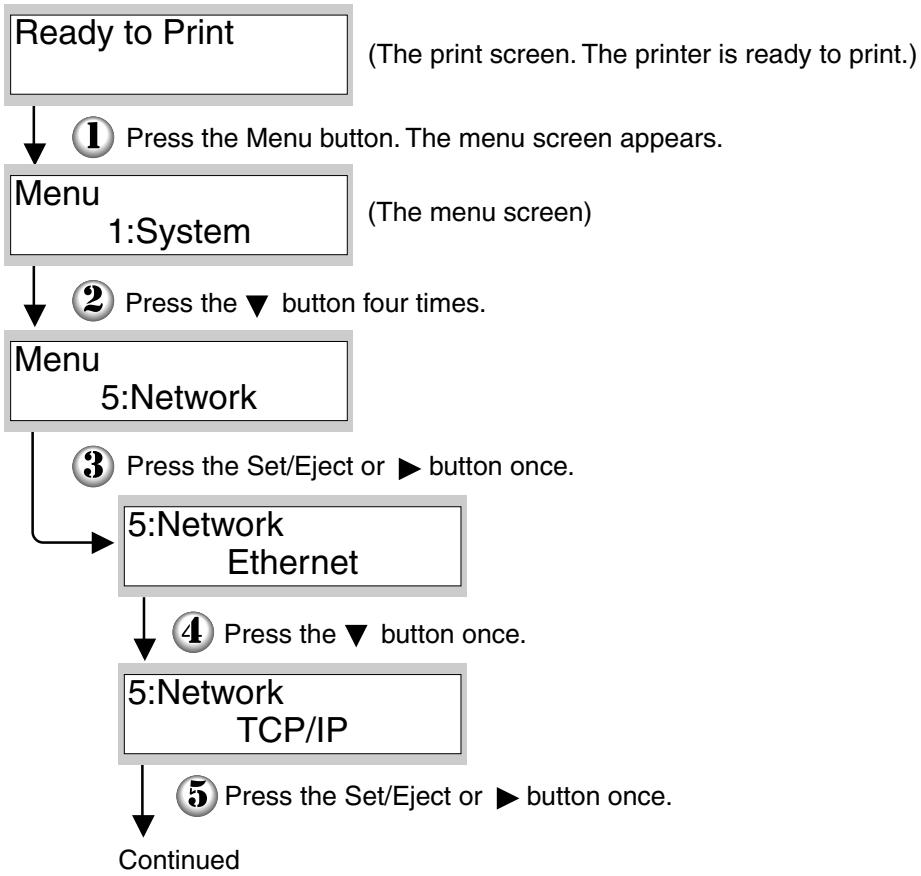
LOOK

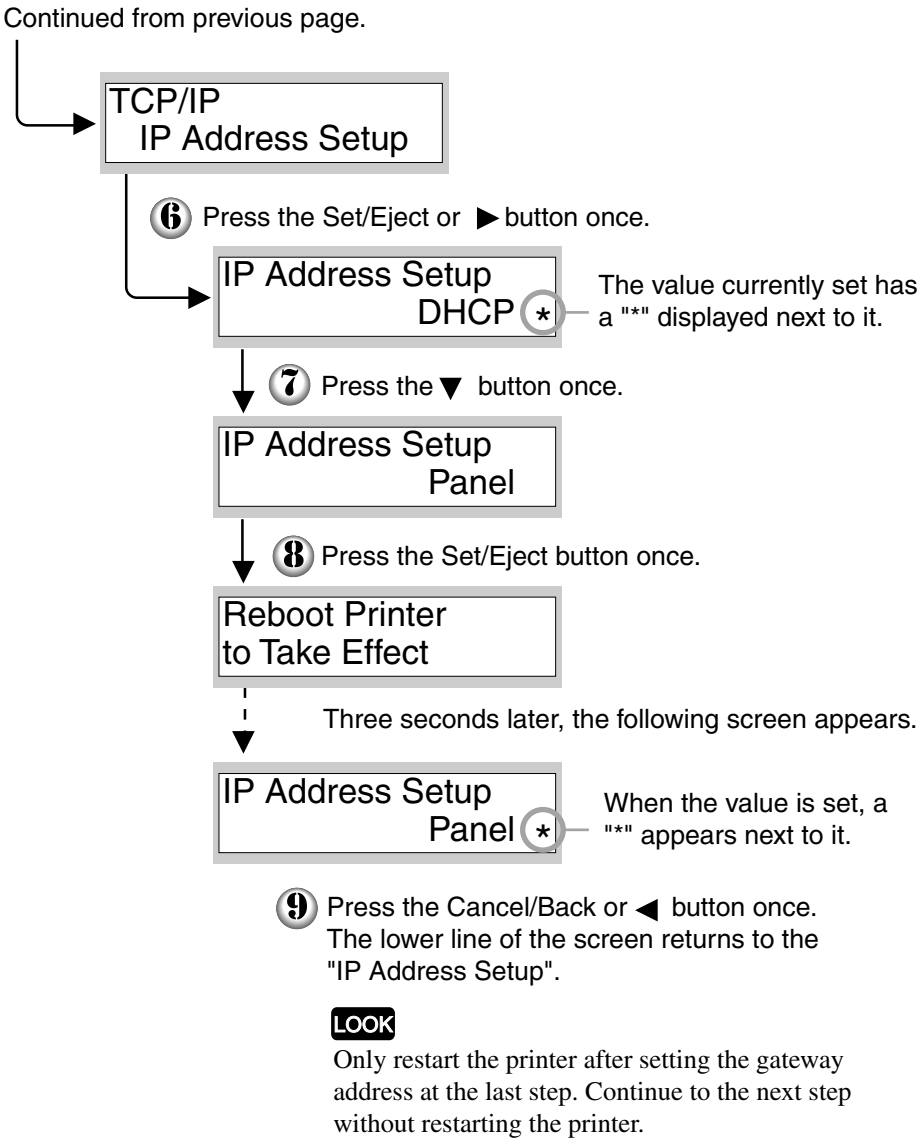
IP addresses are managed throughout the system as a whole. Specifying the wrong IP address can affect the entire network. Before setting an IP address, consult your system administrator.

Note

Refer to "5.2 Basic Menu Operation" and "Appendix B Control Panel Menu List" for information about operation of the control panel.

Set the IP Address Acquisition Method to Panel.




Continued from previous page.
TCP/IP
IP Address Setup
6 Press the Set/Eject or ▶ button once.
IP Address Setup
DHCP *
The value currently set has a "*" displayed next to it.
7 Press the ▼ button once.
IP Address Setup
Panel
8 Press the Set/Eject button once.
Reboot Printer
to Take Effect
Three seconds later, the following screen appears.
IP Address Setup
Panel *
When the value is set, a "*" appears next to it.
9 Press the Cancel/Back or ◀ button once.
The lower line of the screen returns to the "IP Address Setup".

LOOK

Only restart the printer after setting the gateway address at the last step. Continue to the next step without restarting the printer.

Setting the IP Address

Note

The IP address consists of four separate values (base 10) separated by decimal points. The four values can be set anywhere between 0 and 255.

Continued from the previous step

Example:
- IP Address "129.249.242.179"
- Subnet Mask "255.255.255.0"
- Gateway Address "129.249.242.254"

TCP/IP
IP Address Setup

10 Press the ▼ button once.

TCP/IP
IP Address

11 Press the Set/Eject or ▶ button once.

IP Address
000. 000. 000. 000 *

12 Using the ▲ or ▼ button, press the buttons until the desired value (for example, 129) appears. You can hold down the buttons to change the value in increments of 10.

IP Address
129. 000. 000. 000

13 Press the ▶ button once and move the cursor to the next value.

IP Address
129. 000. 000. 000

14 Repeat steps 12 and 13 to finish setting the IP address.

IP Address
129. 249. 242. 179

15 Press the Set/Eject button once.

Reboot Printer
to Take Effect

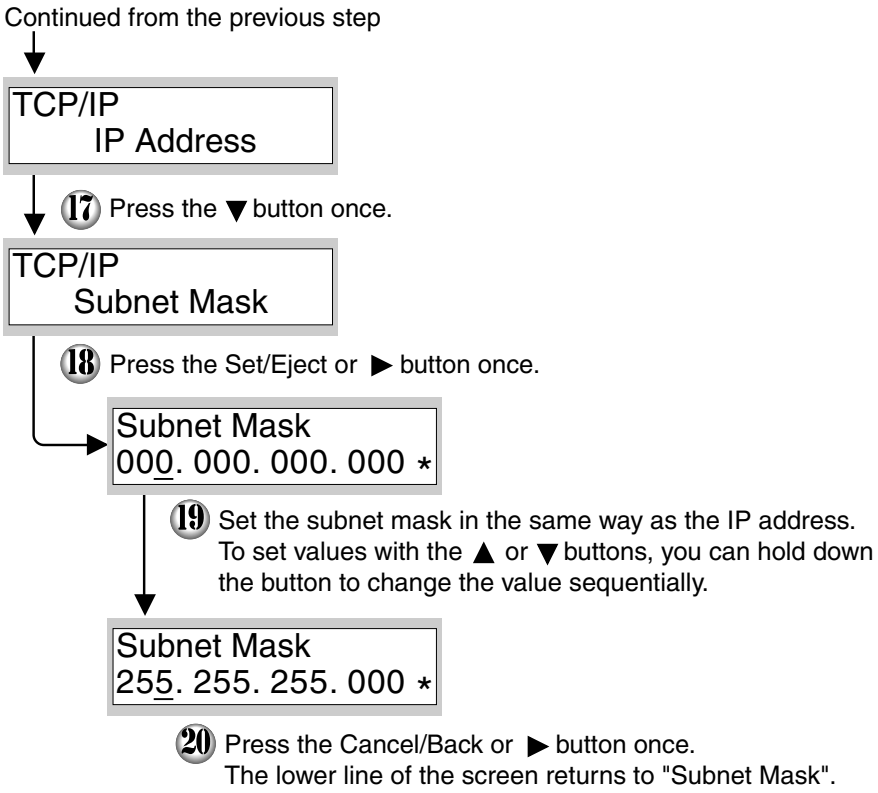
Three seconds later, the following screen appears.

IP Address
129. 249. 242. 179 *

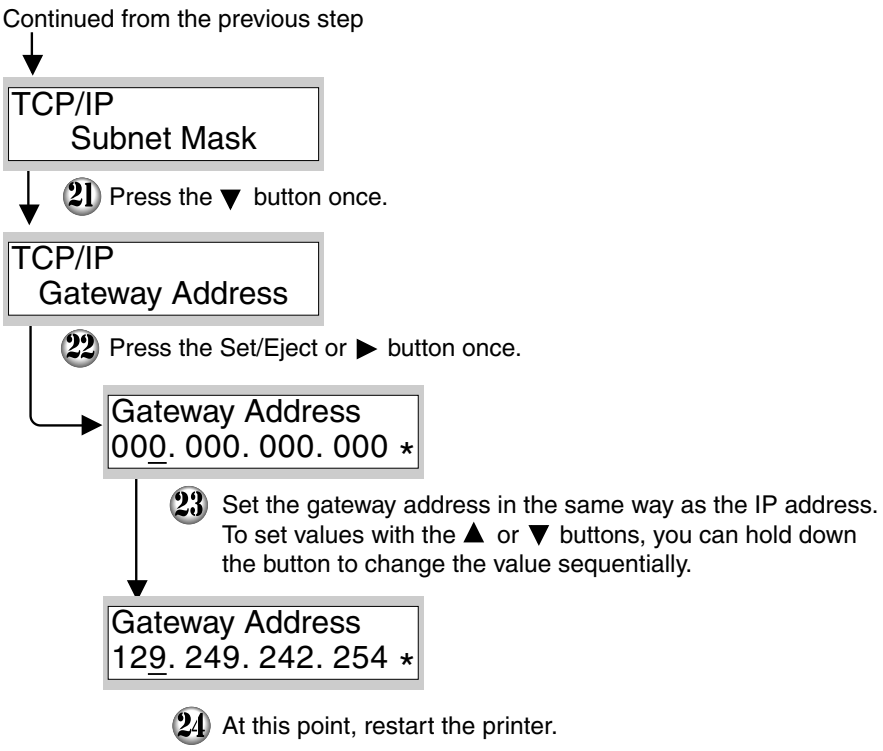
16 Press the Cancel/Back or ◀ button once.
The lower line of the screen returns to "IP Address".

When you do not understand the menu screens displayed or at which level in the menu tree the displayed screen is, refer to "Appendix B Control Panel Menu List".

Setting the Subnet Mask


Continued from the previous step
TCP/IP
IP Address
17 Press the ▼ button once.
TCP/IP
Subnet Mask
18 Press the Set/Eject or ▶ button once.
Subnet Mask
000. 000. 000. 000 *
19 Set the subnet mask in the same way as the IP address.
To set values with the ▲ or ▼ buttons, you can hold down
the button to change the value sequentially.
Subnet Mask
255. 255. 255. 000 *
20 Press the Cancel/Back or ▶ button once.
The lower line of the screen returns to "Subnet Mask".

Setting the Gateway Address


Continued from the previous step
TCP/IP
Subnet Mask
21 Press the ▼ button once.
TCP/IP
Gateway Address
22 Press the Set/Eject or ▶ button once.
Gateway Address
000. 000. 000. 000 *
23 Set the gateway address in the same way as the IP address.
To set values with the ▲ or ▼ buttons, you can hold down
the button to change the value sequentially.
Gateway Address
129. 249. 242. 254 *
24 At this point, restart the printer.

1.2.4 Setting the Protocols

LOOK

When the printer is shipped from the factory, all protocols except SMTP/POP3 ("Status Messenger", "E-Mail Printing") and "FTP" are "Enabled" by default. You do not need to perform the operations described in this section when you connect a new printer to a network for the first time.
This concludes the Printer Settings list. Move on to "1.2.5 Checking Settings".

When you want to use the printer as a network printer, you need to set the right protocols on the printer.

- For TCP/IP(LPD) → "LPD" protocol
- For Port 9100 → "Port9100" protocol
- For IPP → "IPP" protocol
- For SMB (transport protocol: TCP/IP) → "SMB TCP/IP" protocol
- For SMB (transport protocol: NetBEUI) → "SMB NetBEUI" protocol
- For NetWare → "NetWare" protocol

Follow the procedure below.

Note

When you want the printer to send and receive e-mail, start the "Status Messenger" and "E-Mail Printing" protocol in the same way.

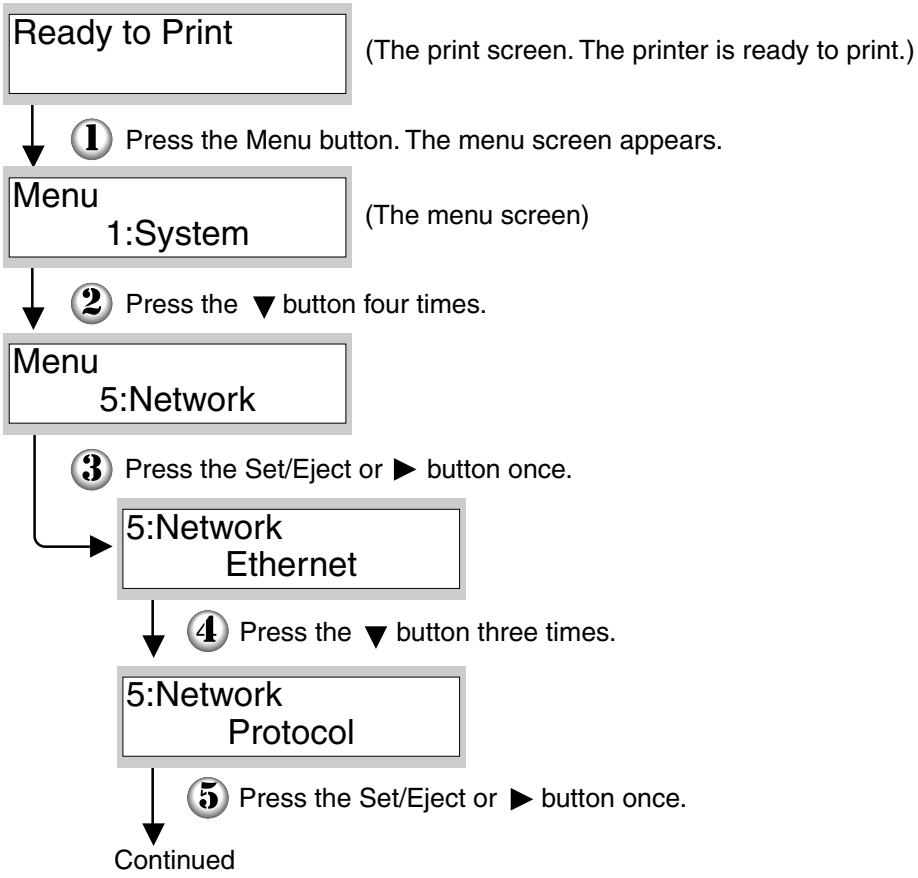
Note

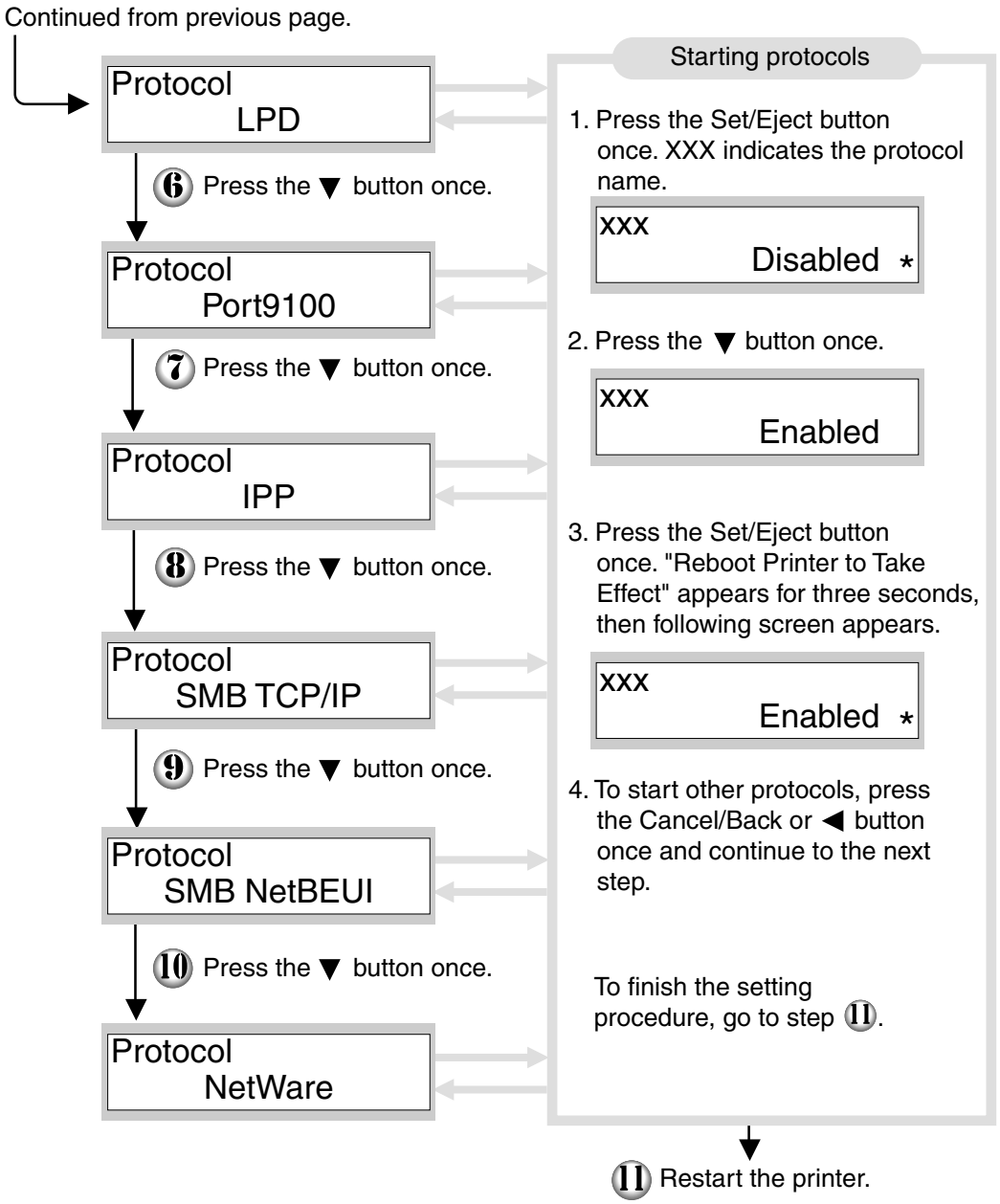
The procedure is described using screen examples with the optional network expansion card installed. If you do not have an optional network expansion card, the following protocols do not appear:

- SMB TCP/IP
- SMB NetBEUI
- NetWare

See

Refer to "5.2 Basic Menu Operation" and "Appendix B Control Panel Menu List" for information about the operation of the control panel.


Ready to Print
(The print screen. The printer is ready to print.)
1 Press the Menu button. The menu screen appears.
Menu
1:System
(The menu screen)
2 Press the ▼ button four times.
Menu
5:Network
3 Press the Set/Eject or ▶ button once.
5:Network
Ethernet
4 Press the ▼ button three times.
5:Network
Protocol
5 Press the Set/Eject or ▶ button once.
Continued


Continued from previous page.
Protocol
LPD
6 Press the ▼ button once.
Protocol
Port9100
7 Press the ▼ button once.
Protocol
IPP
8 Press the ▼ button once.
Protocol
SMB TCP/IP
9 Press the ▼ button once.
Protocol
SMB NetBEUI
10 Press the ▼ button once.
Protocol
NetWare
Starting protocols
1. Press the Set/Eject button once. XXX indicates the protocol name.
xxx
Disabled *
2. Press the ▼ button once.
xxx
Enabled
3. Press the Set/Eject button once. "Reboot Printer to Take Effect" appears for three seconds, then following screen appears.
xxx
Enabled *
4. To start other protocols, press the Cancel/Back or ◀ button once and continue to the next step.
To finish the setting procedure, go to step 11.
11 Restart the printer.

1.2.5 Checking Settings

Print the Printer Settings list to check the content of printer settings.
The Printer Settings list also contains information that is required when configuring computers for printing. Use the list to confirm that settings on the printer and the computer match.

See

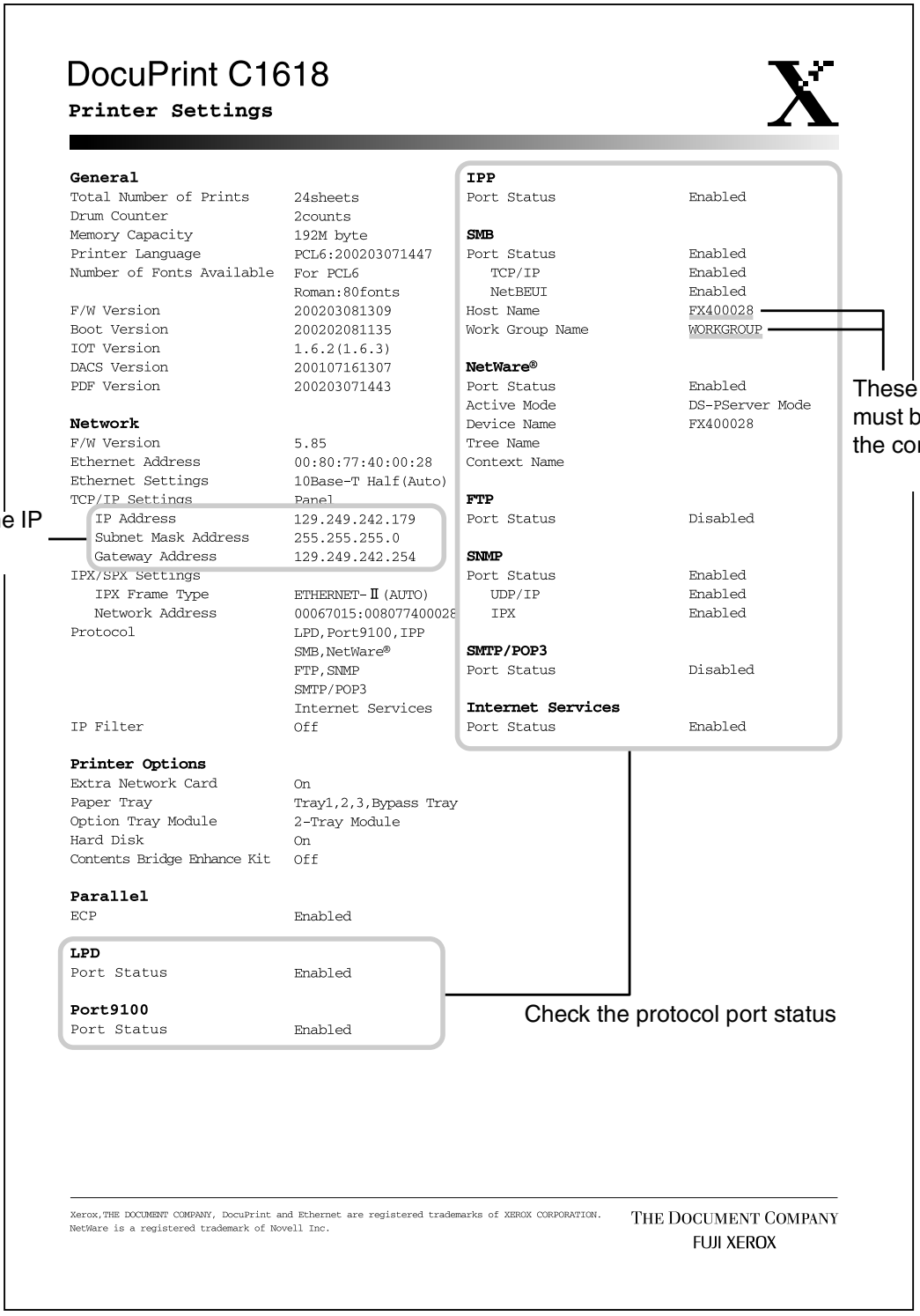
For details about printing the list, refer to "8.4.1 Confirming Printer Configuration and Network Settings".

Example of a Printer Settings List

Use the sample Printer Settings list on the following page as a guide when confirming the printer's configuration.

Note

The sample Printer Settings list shown on the following page is from a printer with an optional network expansion card installed.



DocuPrint C1618

Printer Settings

General	
Total Number of Prints	24sheets
Drum Counter	2counts
Memory Capacity	192M byte
Printer Language	PCL6:200203071447
Number of Fonts Available	For PCL6
	Roman:80fonts
F/W Version	200203081309
Boot Version	200202081135
IOT Version	1.6.2(1.6.3)
DACS Version	200107161307
PDF Version	200203071443
Network	
F/W Version	5.85
Ethernet Address	00:80:77:40:00:28
Ethernet Settings	10Base-T Half(Auto)
TCP/IP Settings	Panel
IP Address	129.249.242.179
Subnet Mask Address	255.255.255.0
Gateway Address	129.249.242.254
IPX/SPX Settings	
IPX Frame Type	ETHERNET-Ⅱ(AUTO)
Network Address	00067015:008077400028
Protocol	LPD,Port9100,IPP
	SMB,NetWare®
	FTP,SNMP
	SMTP/POP3
	Internet Services
IP Filter	Off
Printer Options	
Extra Network Card	On
Paper Tray	Tray1,2,3,Bypass Tray
Option Tray Module	2-Tray Module
Hard Disk	On
Contents Bridge Enhance Kit	Off
Parallel	
ECP	Enabled
LPD	
Port Status	Enabled
Port9100	
Port Status	Enabled

IPP	
Port Status	Enabled
SMB	
Port Status	Enabled
TCP/IP	Enabled
NetBEUI	Enabled
Host Name	FX400028
Work Group Name	WORKGROUP
NetWare®	
Port Status	Enabled
Active Mode	DS-PServer Mode
Device Name	FX400028
Tree Name	
Context Name	
FTP	
Port Status	Disabled
SNMP	
Port Status	Enabled
UDP/IP	Enabled
IPX	Enabled
SMTP/POP3	
Port Status	Disabled
Internet Services	
Port Status	Enabled

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Chapter 2

Installing the Printer Driver

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2.1 After Setting up the Printer

Configure the computer after you have set up the printer.
When the printer is used as a local printer, install the printer driver to the computer connected to the printer. If it is used as a network printer, install the printer driver to the computer connected to the network.
To print directly to the printer from Windows 95/Windows 98/Windows Me in the TCP/IP environment, install the printer driver and the TCP/IP Direct Print Utility to the computer.

2.1.1 The PCL6 Printer Drivers

A printer driver is a software that converts print data or instructions from the computer to data interpreted by the printer.
The drivers for the following operating systems (OS) are available for DocuPrint C1618:

- Windows 95
- Windows 98
- Windows Millennium Edition
- Windows NT 4.0
- Windows 2000
- Windows XP

The printer drivers are stored inside the Software Pack CD-ROM. Use the Fuji Xerox Setup Menu in the same CD-ROM to install.

Note

- The printer driver for Windows NT 4.0 is for Intel x86 version NT 4.0.
- You can use the printer driver for Windows 98 on Windows Me.
- You can use the printer driver for Windows 2000 on Windows XP.

Obtaining the latest printer driver

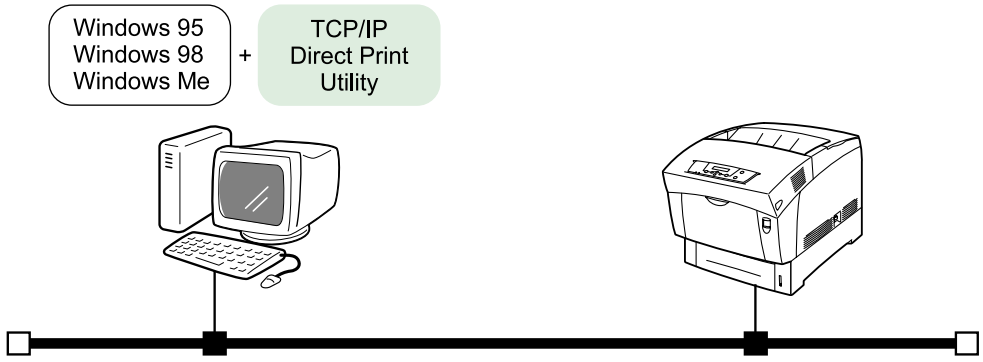
There may be new printer drivers with future upgrades and you can download the latest version of printer driver from the Fuji Xerox home page.

2.1.2 Using the TCP/IP Direct Print Utility

The TCP/IP Direct Print Utility is a software for printing print data sent from a computer directly to a printer on the network, without going through any server. The TCP/IP Direct Print Utility is available in the Software Pack CD-ROM. This manual assumes that the TCP/IP Direct Print Utility will be used when printing from Windows 95, Windows 98 or Windows Me in TCP/IP environment.

See

Network Print Environment User Guide in the Software Pack CD-ROM for information on the TCP/IP Direct Print Utility



LOOK

To install the TCP/IP Direct Print Utility, the computer must meet the following requirements:

- Set the computer name in ASCII characters (single-byte alphanumeric letters in upper or lower case/numerals/hyphen (-)/underscore (_)).
- Installed with TCP/IP protocol

See

If TCP/IP is not installed, refer to the Network Print Environment User Guide or manuals on Windows to add the protocol.

2.2 Installing the Printer Driver (Windows 95/Windows 98/ Windows Me)

The procedure for installing printer driver to Windows 95/Windows 98/Windows Me is described in this section.
Here, we will use Windows 98 as an example. When the printer is used as a network printer, it is assumed that the network environment client settings of the computer have been completed.

LOOK

To install the printer driver on port 9100 or the IPP port, refer to the Network Print Environment User Guide.

Installing the Printer Driver

Procedure

1. Switch on the printer.
2. Start your computer and activate Windows 98.

   Note

   When the printer is connected to the computer, a dialog box indicating that new hardware has been detected is displayed when you activate Windows 98. In this case, click **Cancel** to close the dialog box.

3. For NetWare environment, log on to the target file server.
4. Insert the Software Pack CD-ROM into the CD-ROM drive.

   The Fuji Xerox StartUp Tool dialog box appears automatically.

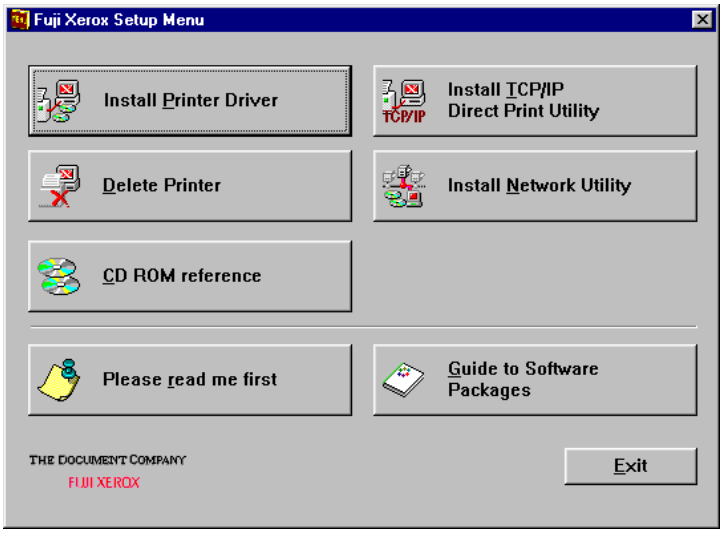
   Note

   If the Fuji Xerox StartUp Tool dialog box does not appear automatically, double-click the Install_e.exe icon in the CD-ROM. Proceed to Step 6.

5 Click Install Language.

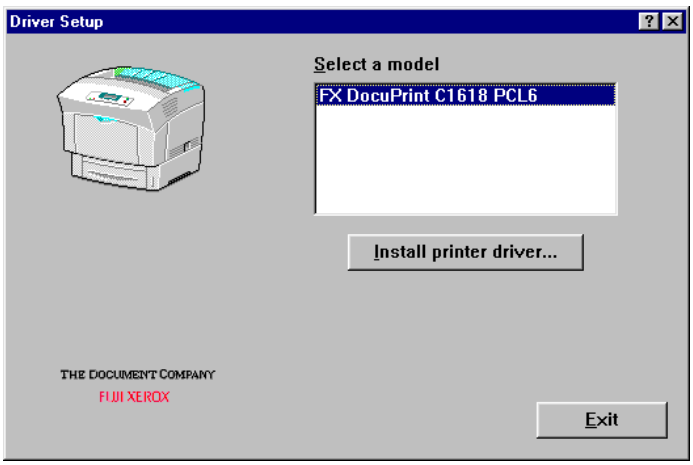
The Fuji Xerox Setup Menu is displayed.

6 Click **Install Printer Driver**.

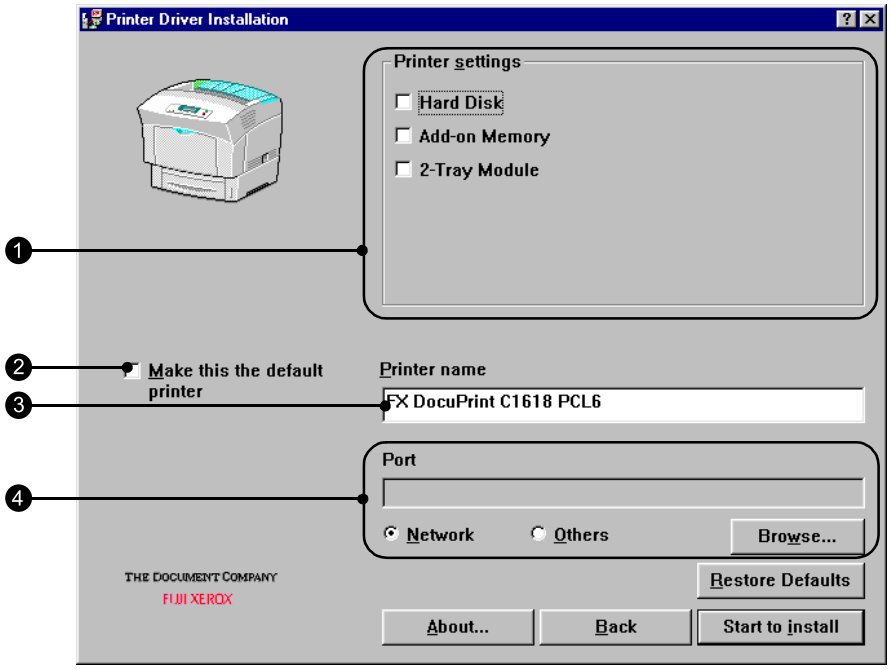


The Driver Setup dialog box is displayed.

7 Confirm that FX DocuPrint C1618 PCL6 is selected in "Select a model", then click **Install printer driver**.



8 Specify the following:



❶ Printer settings

Check the optional products that you have purchased and installed.

❷ Make this the default printer

Check the check box if DocuPrint C1618 is to be used as the default printer.

❸ Printer name

Enter a name for the printer, if necessary.

❹ Port (for output destination)

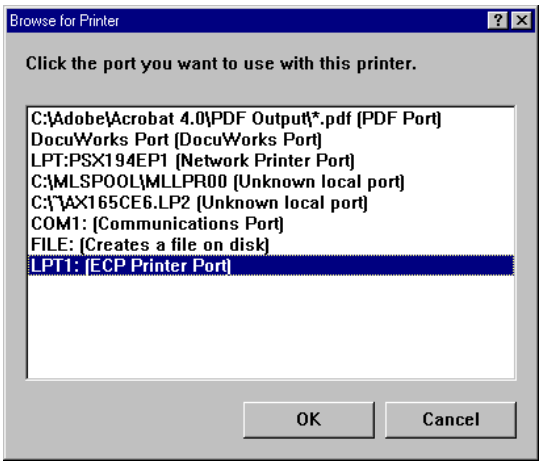
Select **Others** and click **Browse** if the printer is to be used as a local printer (the printer and the computer are directly connected by a parallel or USB cable) and when using the TCP/IP Direct Print Utility to print. When using the network printer in either the SMB or NetWare environment, select **Network** and click **Browse**.
On the displayed dialog box, select the port that matches the required environment.

■When Others is selected:

Select **LPT1** from the list and click **OK**.

Note

If you use the TCP/IP Direct Print Utility to print and are connected with a USB cable, set the port later. Select **LPT1**: here.


Browse for Printer
Click the port you want to use with this printer.
C:\Adobe\Acrobat 4.0\PDF Output*.pdf (PDF Port)
DocuWorks Port (DocuWorks Port)
LPT:PSX194EP1 (Network Printer Port)
C:\MLSPOOL\MLLPR00 (Unknown local port)
C:\~\AX165CE6.LP2 (Unknown local port)
COM1: (Communications Port)
FILE: (Creates a file on disk)
LPT1: (ECP Printer Port)
OK
Cancel

■When Network is selected:

Select a printer or print queue icon from the network list by following the procedure described below.

For SMB environment

① From the network list, search and select the printer. The printer will be displayed as "host name-p" and will be under the host name icon. The factory default for the workgroup name and host name is "Workgroup" and "FXnnnnnn" (nnnnnn: lower six digits of the Ethernet address of the printer) respectively.

Note

When you do not know the workgroup name and host name of the printer, either check with the network administrator, or print out the Printer Settings list to confirm. Refer to "8.4.1 Confirming Printer Configuration and Network Settings".

② Click **OK**.

For NetWare environment

① From the network list, search and select the printer. The print queue is displayed under the NetWare file server icon.

Note

When you do not know the print queue name, check with your network administrator.

② Click **OK**.

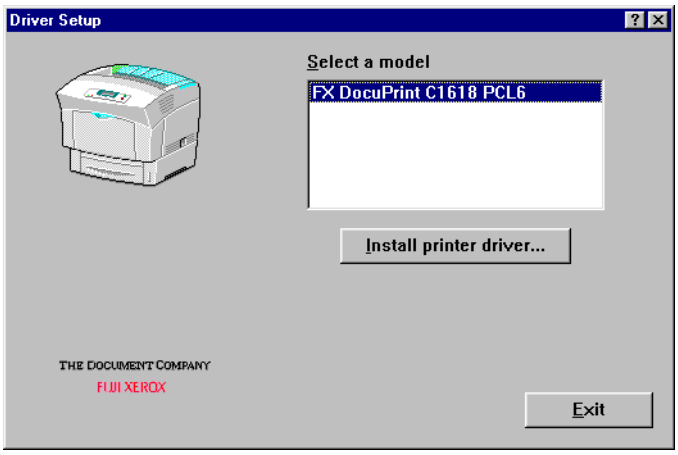
9 Confirm that the port name specified in Step 8 for the output destination is shown in the Port text box of the Printer Driver Installation dialog box. Then click **Start to install**.

The installation of printer driver begins.

10 When the installation is completed, the following dialog box will be displayed.

Click **OK**.

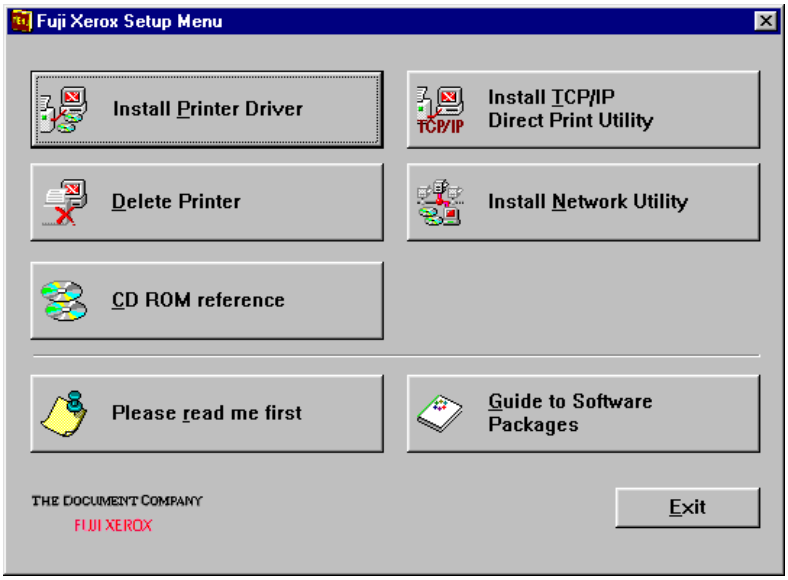
11 Click **Exit** in the Driver Setup dialog box.



12 When using the TCP/IP Direct Print Utility to print, proceed to the next section "2.3 Configuring the TCP/IP Direct Print Utility"

If connected with a USB cable, move on to "2.5 Setting Up the USB Port".

Installation for the printer driver will be completed in other situations. Click **Exit** on the Fuji Xerox Setup Menu dialog box and proceed to the next section on "Testing Printing".



Testing Printing

To check the connection, print the test page.
The procedure is as follows:

LOOK

Do not test print if you are using the TCP/IP Direct Print Utility to print as the settings have not been completed.

Procedure

1. Click **Start**, select **Settings** and then **Printers**.
   The Printers window is displayed.
2. The DocuPrint C1618 printer icon has been added by installation of the printer driver. Select this added printer icon and click **Properties** from the File menu.
   The Properties dialog box is displayed.
3. Click **Print Test Page** in the General tab.
   A dialog box is displayed to confirm whether or not the test page has been printed correctly.
4. Check the print results, and if the test page is printed correctly, click **Yes**.
5. Click **OK** on the Properties dialog box.

2.3 Configuring the TCP/IP Direct Print Utility

This section explains the settings required for using the TCP/IP Direct Print Utility to print from Windows 95/Windows 98/Windows Me.

2.3.1 Installing the TCP/IP Direct Print Utility

The procedure for installing the TCP/IP Direct Print Utility to the computer is described below. We will use Windows 98 in this procedure as an example.
If you are continuing with the procedure from the previous section, carry out the procedure from Step 4 after the Fuji Xerox Setup Menu dialog box is displayed on the computer screen.

1 Switch on the computer and start Windows 98.

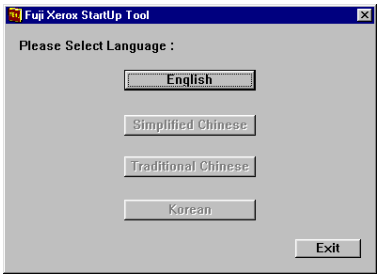
2 Insert the Software Pack CD-ROM into the CD-ROM drive.

The Fuji Xerox StartUp Tool dialog box appears automatically.

Note

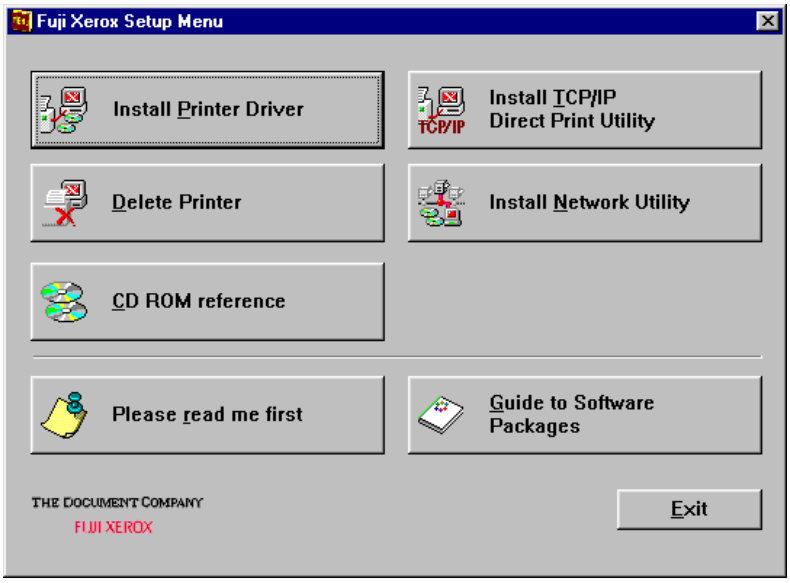
If the Fuji Xerox StartUp Tool dialog box does not appear automatically, double-click the Install_e.exe icon in the CD-ROM. Proceed to Step 4.

3 Click Install Language.



The Fuji Xerox Setup Menu is displayed.

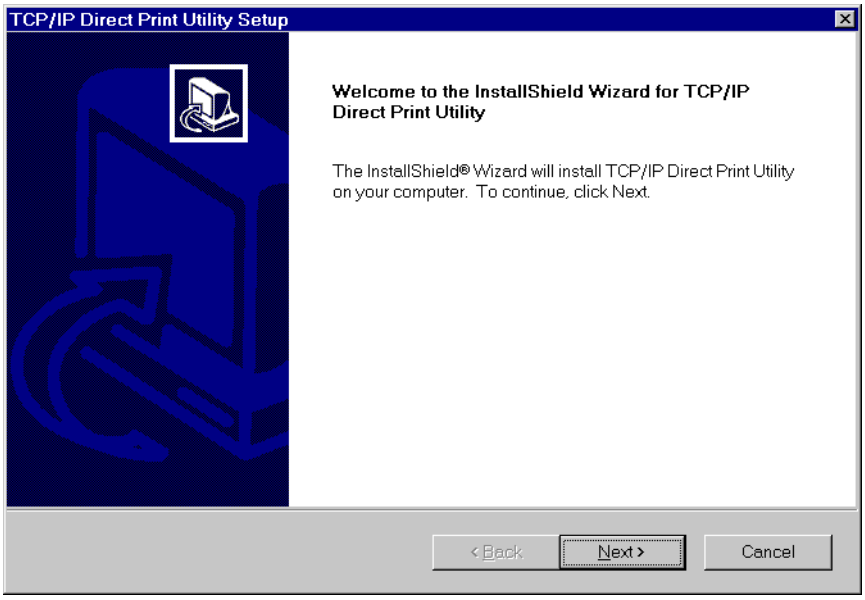
4 Click **Install TCP/IP Direct Print Utility**.



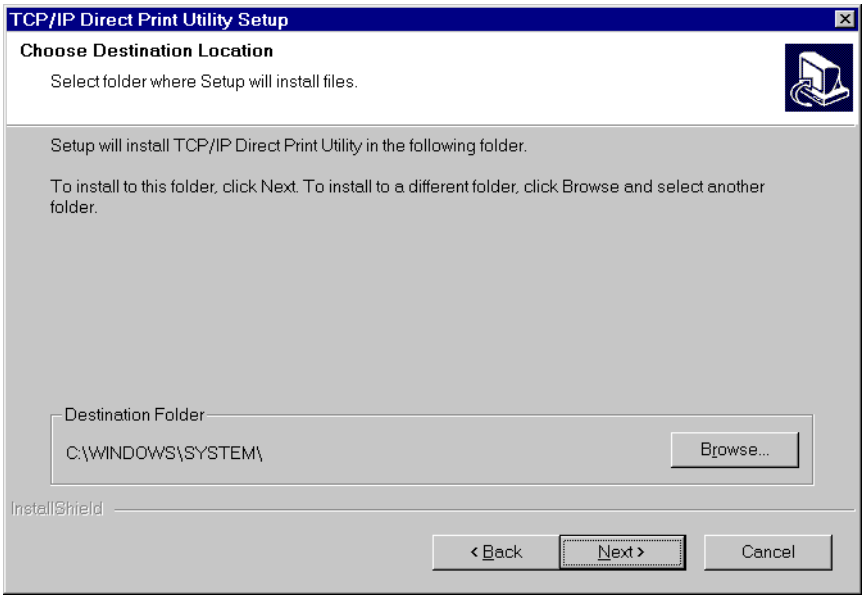
LOOK

If you are prompted to install TCP/IP when Install TCP/IP Direct Print Utility is clicked, stop the operation, and after you have installed TCP/IP protocol to your computer, carry out the installation again.

5 Click **Next**.

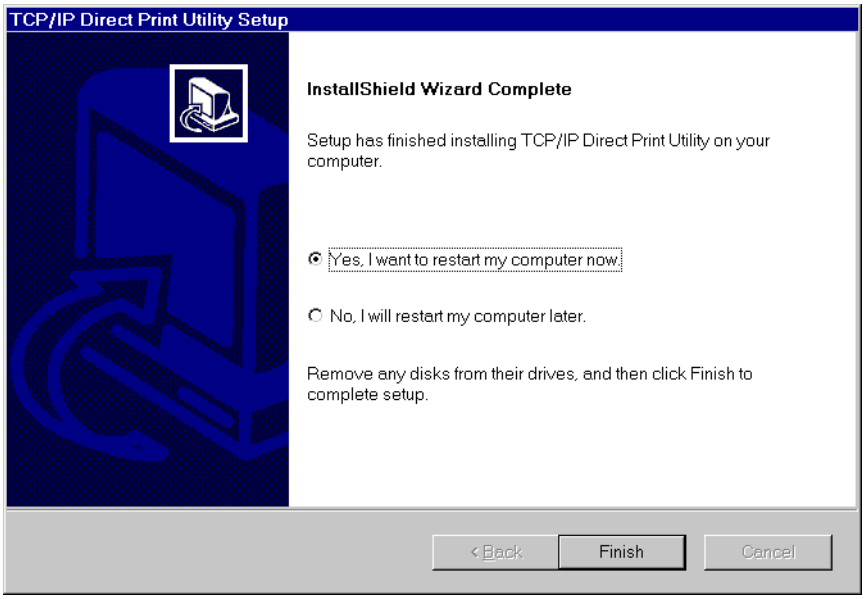

TCP/IP Direct Print Utility Setup
Welcome to the InstallShield Wizard for TCP/IP Direct Print Utility
The InstallShield® Wizard will install TCP/IP Direct Print Utility on your computer. To continue, click Next.
< Back
Next >
Cancel

6 Check the path under Destination Folder, and click **Next** if it is all right.


TCP/IP Direct Print Utility Setup
Choose Destination Location
Select folder where Setup will install files.
Setup will install TCP/IP Direct Print Utility in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\WINDOWS\SYSTEM\
Browse...
InstallShield
< Back
Next >
Cancel

The installation of the TCP/IP Direct Print Utility begins.

7 When the installation is completed, the following dialog box will be displayed. Take out the CD-ROM from the CD-ROM drive. Select **Yes, I want to restart my computer now**, and then click **Finish**.


TCP/IP Direct Print Utility Setup
InstallShield Wizard Complete
Setup has finished installing TCP/IP Direct Print Utility on your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

Note

The settings will not take effect if you do not restart the system.

2.3.2 Setting the Port

After you have created the printer icon in the previous section, configure the TCP/IP Direct Print Utility port for the printer. The procedure is as follows:

Procedure

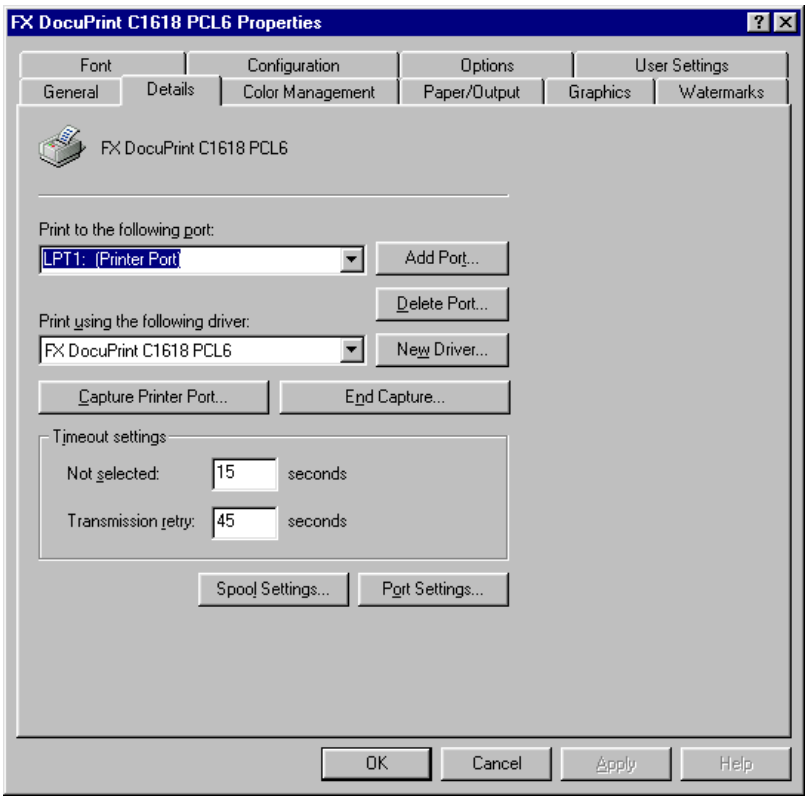
1. After starting up your computer, run Windows 98. Click **Start**, select **Settings** and then **Printers**.

   The Printers window is displayed.

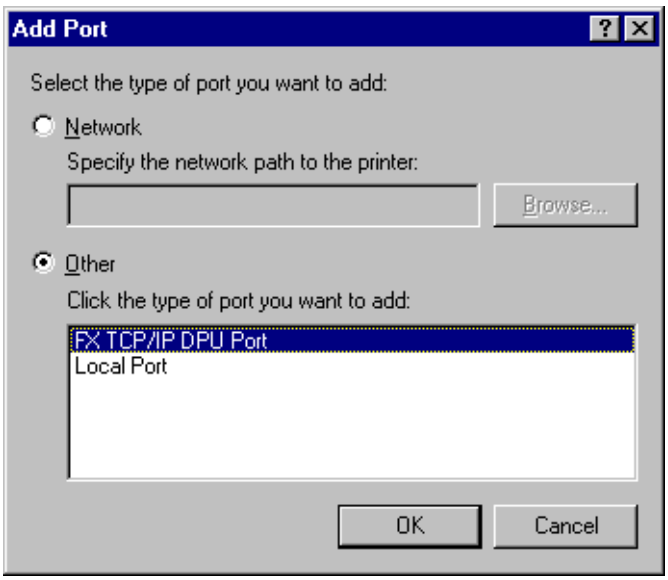
2. The DocuPrint C1618 printer icon has been added by installation of the printer driver. Select this added printer icon and click **Properties** from the File menu.

   The Properties dialog box is displayed.

3. Click **Add Port** in the Details tab.



4 Select **Other**, and click **FX TCP/IP DPU Port** from "Click the type of port you want to add".

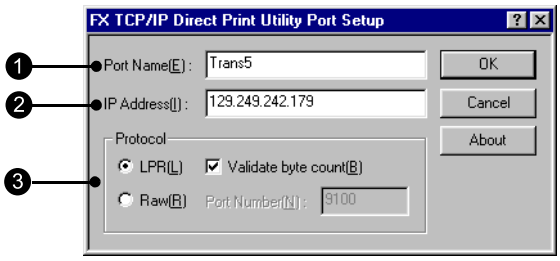


5 Click **OK**.

The FX TCP/IP Direct Print Utility Port Setup dialog box is displayed.

6 Enter the appropriate value for each item, and click **OK**.

Example:For port name, "Trans5" and IP address, "129.249.242.179".

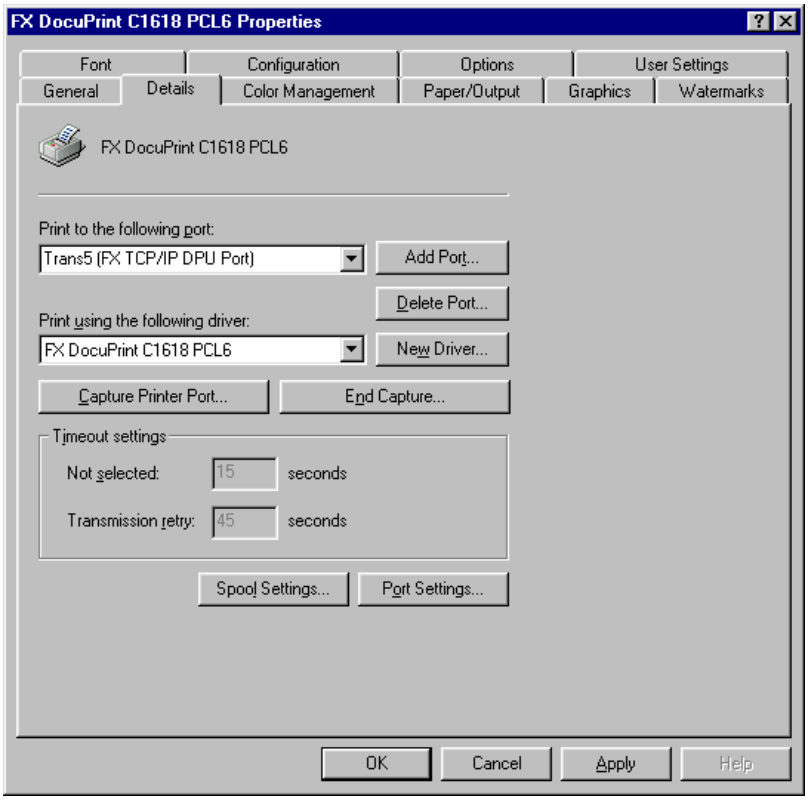


Item	Remarks
❶ Port Name	Enter a name of your choice to identify the printer. LOOK When you are adding multiple TCP/IP Direct Print Utility ports, do not use port names as in the following. There is no difference between using upper-case and lower-case characters. Examples of port names that cannot be used (current port name is "printer"): • Adding characters at the end of the current port name. Example: "printer1", "printer-01" and so forth. • Deleting some characters from the current port name. Example: "prin", "print" and so forth.
❷ IP Address	Enter the IP address of the printer. If the Domain Name System (DNS) has been installed, the printer host name can be entered.
❸ Protocol	Select the protocol to be used for data transfer. Select either of printing protocols (1) or (2) below. The default selection is (1) LPR. (1) "LPR": The lpr protocol is used for printing. Enable or disable the "Validate byte count" option by selecting or deselecting its check box. The default selection is enabled (check box selected). (2) "Raw": Port9100 protocol is used for printing. You can specify a port number at the destination in "Port Number". This setting is effective only when Raw protocol is selected. The default setting is "9100". If the number is deleted, "9100" appears. You can enter up to 5 digits. If you enter a number greater than 65536 and click OK, "9100" is registered.

Note

If you do not know the IP address of the printer, check with your network administrator, or print out the Printer Settings list. Refer to "8.4.1 Confirming Printer Configuration and Network Settings".

7 On the Details tab of the Properties dialog box, check that "(FX TCP/IP DPU Port)" appears in "Print to the following port" together with the port name entered in Step 6.



8 To check the connection, print the test page.

After you have clicked **Apply** to confirm the settings, click **Print Test Page** on the General tab.

A dialog box is displayed to confirm whether or not the test page has been printed correctly.

9 Check the print results, and if the test page is printed correctly, click **Yes**.

10 Click **OK** on the Properties dialog box.

2.4 Installing the Printer Driver (Windows NT 4.0/Windows 2000/Windows XP)

The procedure for installing the printer driver to Windows NT 4.0/Windows 2000/Windows XP is as follows. If the printer is used as a network printer, it is assumed that the network environment client settings of the computer have been completed.

LOOK

Refer to the Network Print Environment User Guide about installation of the printer driver on Port9100 or IPP port for Windows 2000/Windows XP.

LOOK

- Before installing the printer driver on a Windows NT 4.0 system, it is necessary to set up TCP/IP Protocol and Microsoft TCP/IP Printing. Refer to the manuals on Windows NT 4.0 for details.
- You can select LPR Port or Standard TCP/IP Port as the output destination for the port on a Windows 2000 system. When you select LPR Port, before installing the printer driver, you are required to set up Print Services for Unix on Windows 2000. Refer to the manuals on Windows 2000 for details.

Installing the Printer Driver

Procedure

1 Switch on the Printer.

2 Switch on the computer.

Activate Windows NT 4.0 or Windows 2000/Windows XP and log on as a user of the administrator group or as the administrator.

Note

When the printer is connected to the computer, a dialog box indicating that new hardware has been detected is displayed when you activate Windows 2000. In this case, click **Cancel** to close the dialog box.

3 For NetWare environment, log on to the target file server.

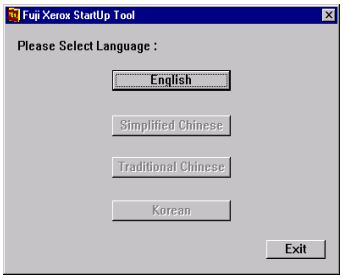
4 Insert the Software Pack CD-ROM into the CD-ROM drive.

The Fuji Xerox StartUp Tool dialog box appears automatically.

Note

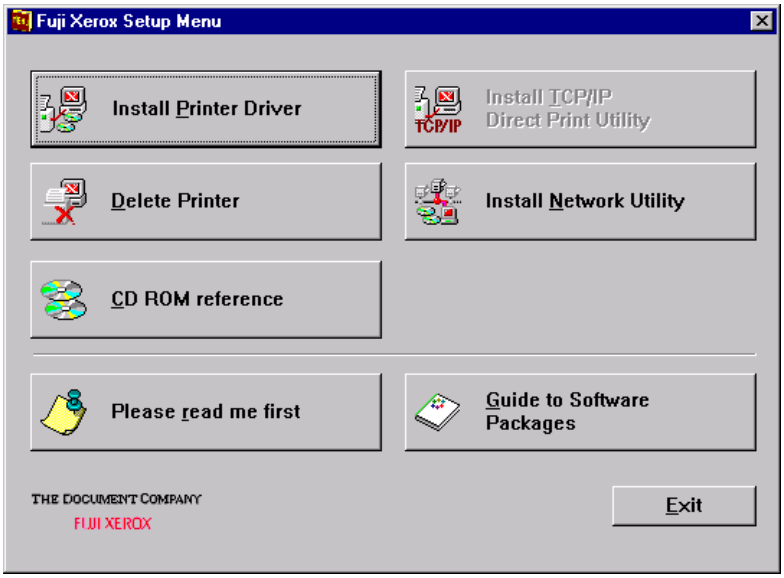
If the Fuji Xerox StartUp Tool does not appear automatically, double-click the Instal_e.exe icon in the CD-ROM. Proceed to Step 6.

5 Click Install Language.



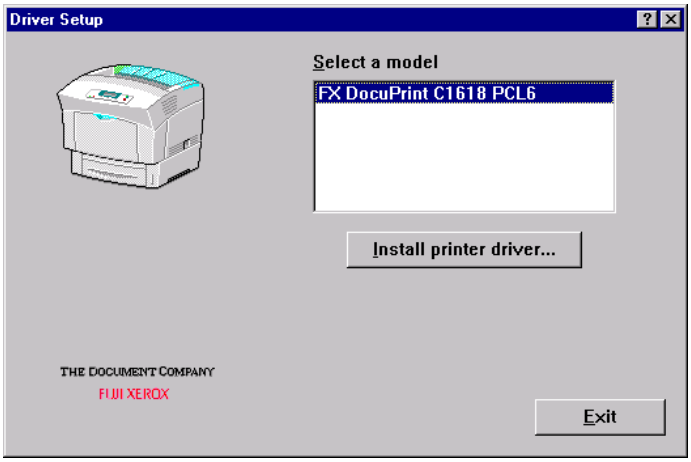
The Fuji Xerox Setup Menu is displayed.

6 Click **Install Printer Driver**.

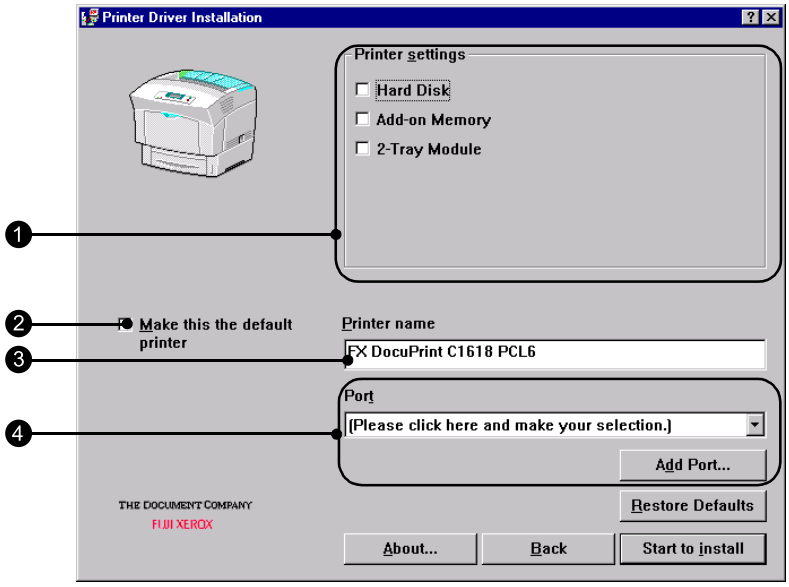


The Driver Setup dialog box is displayed.

7 Confirm that FX DocuPrint C1618 PCL6 is selected in "Select a model", then click **Install printer driver**.



8 Specify the following on the Printer Driver Installation dialog box.



❶ Printer settings

Check the optional products that you have purchased and installed.

❷ Make this the default printer

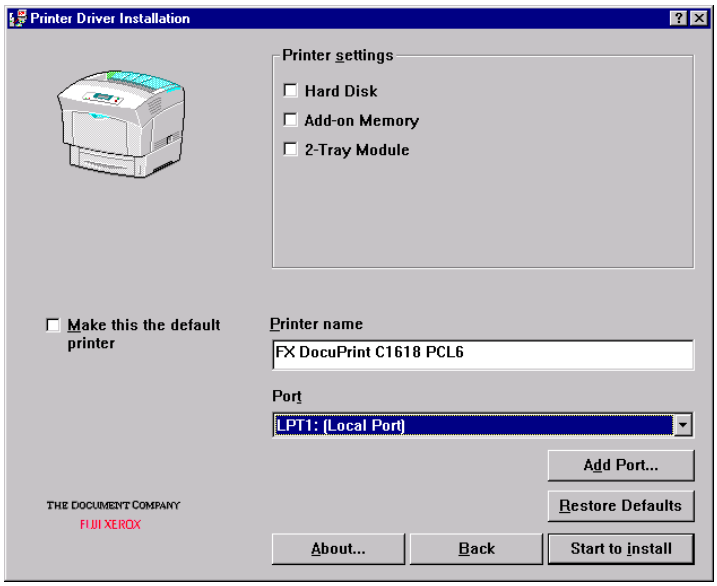
Check the check box if DocuPrint C1618 is to be used as the default printer.

❸ Printer name

Enter a name for the printer, if necessary.

❹ Displays the specified port (for output destination)

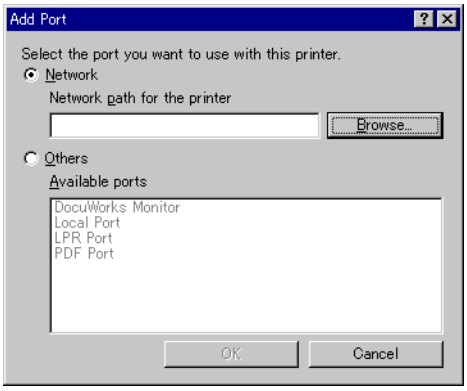
Select **LPT1:** for local printer and proceed to Step 9



If the port to be used is not displayed in the port list for network printer, click **Add Port**.
The Add Port dialog box is displayed.
Refer to the following sections to select a port suitable for the environment.

For SMB environment

① Select **Network** and click **Browse**.



② From the network list, search and select the printer. The printer will be displayed as "host name-p" and will be under the host name icon. The factory defaults for the workgroup name and the host name is "Workgroup" and "FXnnnnnn" (nnnnnn: lower six digits of the Ethernet address of the printer) respectively.

Note

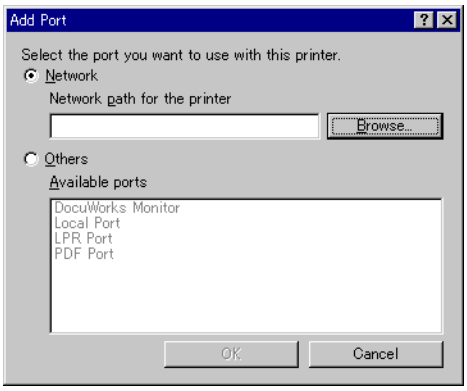
When you do not know the workgroup name and host name of the printer, either check with the network administrator, or print out the Printer Settings list to confirm. Refer to "8.4.1 Confirming Printer Configuration and Network Settings".

③ Click **OK**.

④ Check that "\\Host name\\Host name-P" is displayed correctly in "Network Path for the Printer" in Add Port dialog box and click **OK**.
Proceed to Step 9 when the Printer Driver Installation dialog box is displayed.

For NetWare environment

① Select **Network** and click **Browse**.



② From the network list, search and select the print queue. The print queue is displayed under the NetWare File Server icon.

Note

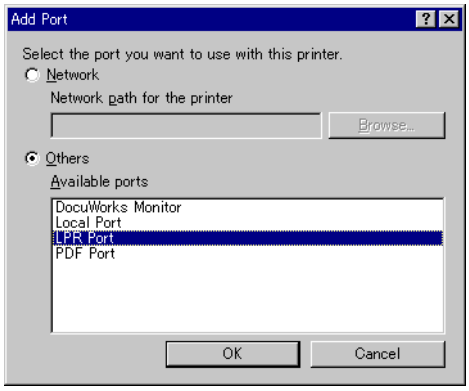
When you do not know the print queue name, check with the network administrator.

③ Click **OK**.

④ Check that "\\NetWare file server name\Print queue name-P" is displayed correctly in "Network Path for the Printer" in Add Port dialog box and click **OK**.
Proceed to Step 9 when Printer Driver Installation dialog box is displayed.

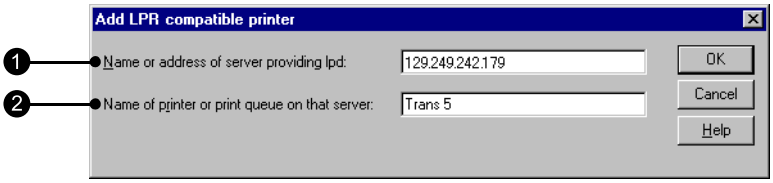
For TCP/IP environment (Windows NT 4.0)

① Select **Others** and click **LPR Port** from Available ports.



② Click **OK**.
The Add LPR compatible printer dialog box is displayed.

③ Enter the items at each text box.
Example: For Name or address of server providing lpd, "129.249.242.179", and the Name of printer or print queue on that server, "Trans5"



Item	Remarks
❶ Name or address of server providing lpd	Enter the IP address of the printer. You can enter the registered printer name when it is possible to use name solving services like WINS. LOOK When the IP address has numbers with less than three digits, do not enter "0" before these numbers, e.g. "XXX.XXX.00X.0XX". It will not work properly.
❷ Name of printer or print queue on that server	Enter any name for DocuPrint C1618.

Note

When you do not know the IP address of the printer, either check with the network administrator, or print out the Printer Settings list to confirm. Refer to "8.4.1 Confirming Printer Configuration and Network Settings".

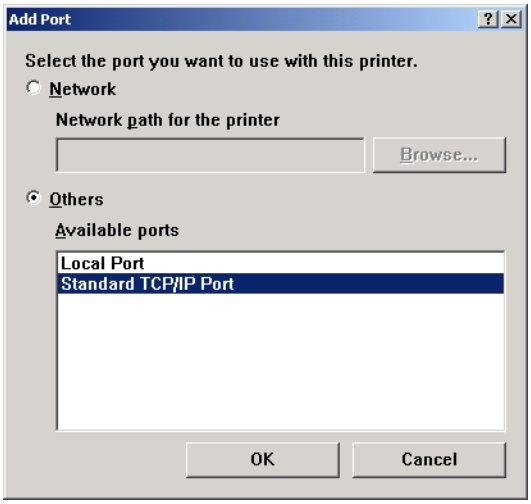
④ Click **OK**. When the Printer Driver Installation dialog box is displayed, proceed to Step 9.

For TCP/IP environment (Windows 2000/Windows XP)
The following example is for Windows 2000.

Note

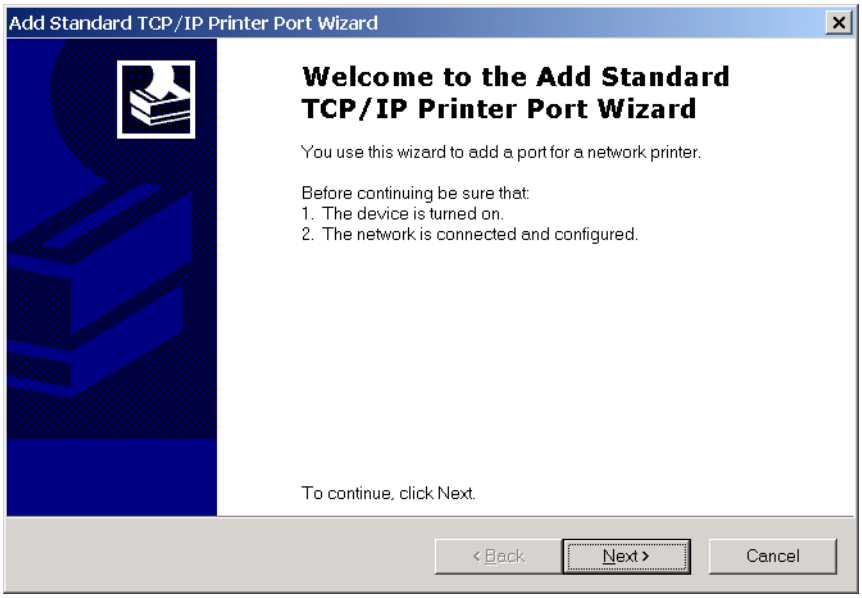
This section explains the procedure for selecting Standard TCP/IP Port.

① Select **Others** and click **Standard TCP/IP Port** from Available ports.

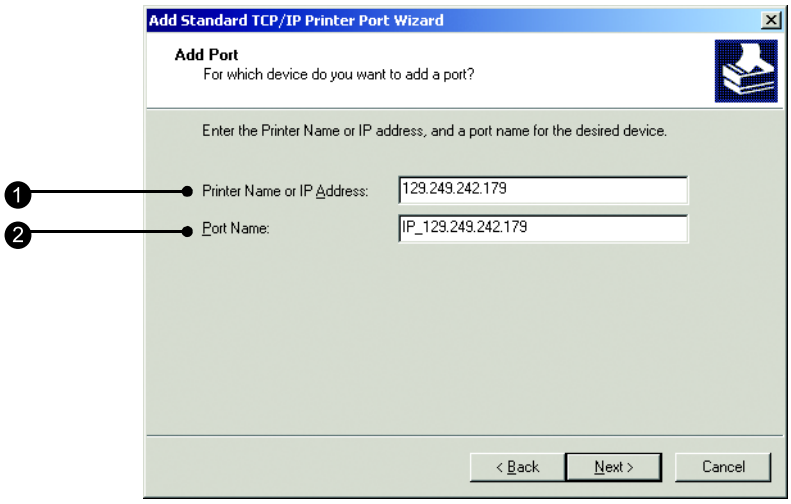


② Click **OK**.

③ The following screen is displayed. Click **Next**.


Add Standard TCP/IP Printer Port Wizard
Welcome to the Add Standard TCP/IP Printer Port Wizard
You use this wizard to add a port for a network printer.
Before continuing be sure that:
1. The device is turned on.
2. The network is connected and configured.
To continue, click Next.
< Back
Next >
Cancel

④ Enter the items at each text box.
Example: For IP address, "129.249.242.179", and the port name "IP_129.249.242.179".


Add Standard TCP/IP Printer Port Wizard
Add Port
For which device do you want to add a port?
Enter the Printer Name or IP address, and a port name for the desired device.
1
Printer Name or IP Address:
129.249.242.179
2
Port Name:
IP_129.249.242.179
< Back
Next >
Cancel

Item	Remarks
❶ Printer Name or IP Address	Enter the IP address of the printer. You can enter the registered printer name when it is possible to use name resolving services like WINS. LOOK When the IP address has numbers with less than three digits, do not enter "0" before these numbers, e.g. "XXX.XXX.00X.0XX". It will not work properly.
❷ Port Name	Enter name or IP address of the printer and the name of port is automatically set. Enter the port name only when you want to make changes.

Note

When you do not know the IP address of the printer, either check with the network administrator, or print out the Printer Settings list to confirm. Refer to "8.4.1 Confirming Printer Configuration and Network Settings".

⑤ Click **Next**.

⑥ Check the contents on the screen and click **Finish**.
When the Printer Driver Installation dialog box is displayed, proceed to Step 9.

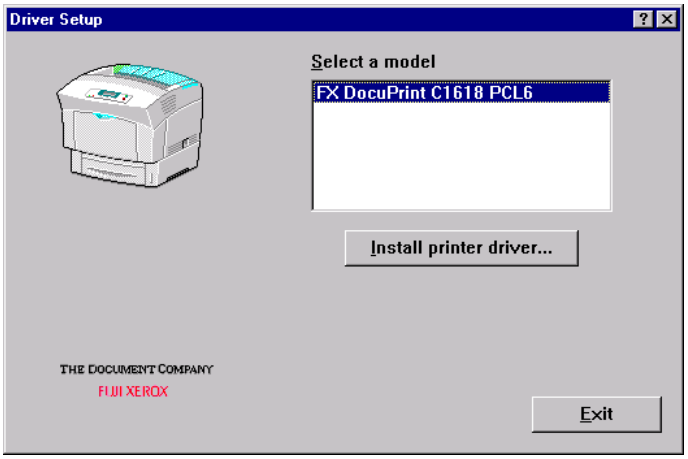
9 Confirm that the port name specified in Step 8 for output destination is shown in the port list box of the Printer Driver Installation dialog box. Then click **Start to install**.

The installation begins.

10 When the installation is completed, the following dialog box will be displayed.

Click **OK**.

11 Click **Exit**.



12 If connected with a USB cable, move on to "2.5 Setting Up the USB Port". Otherwise, this completes the installation of the printer driver. Click **Exit** on the Fuji Xerox Setup Menu dialog box and proceed to the next section on "Testing Printing".

Testing Printing

To check the connection, print the test page.
The procedure is as follows:

Procedure

1. Click **Start**, select **Settings** and then **Printers**.
   The Printers window is displayed.
2. The DocuPrint C1618 printer icon has been added by installation of the printer driver. Select this added printer icon and click **Properties** from the File menu.
   The Properties dialog box is displayed.
3. Click **Print Test Page** on the General tab.
   A dialog box is displayed to confirm whether or not the test page has been printed correctly.
4. Check the print results, and if the test page is printed correctly, click **Yes**.
5. Click **OK** on the Properties dialog box.

2.5 Setting Up the USB Port

When connecting the printer to your computer with a USB cable, do the following procedures after installing the printer driver.

For Windows 2000 or Windows XP

The following example is for Windows 2000.

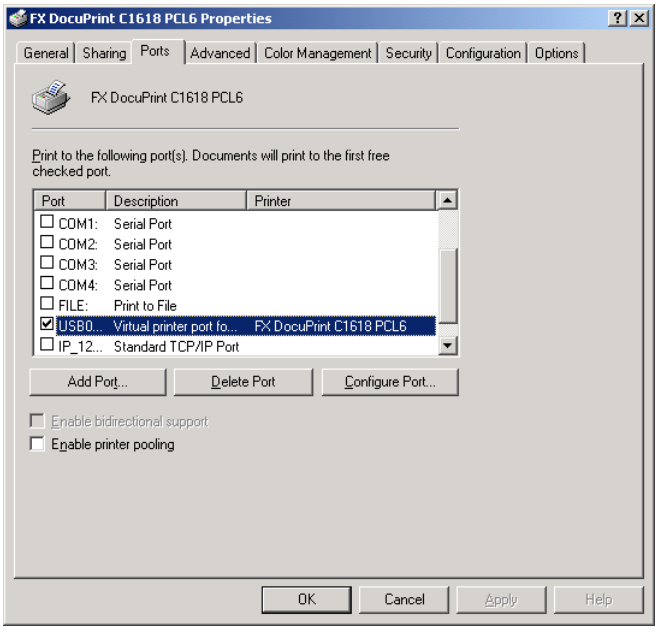
Procedure

1. Check that the computer is on, and then switch off the printer.
2. Connect the USB cable.
3. Switch on the printer.

   The computer automatically detects the new hardware and installs necessary software. This concludes setup of the USB port.
4. Check the connection.
   Click **Start**, select **Settings** and then **Printers**.

   The Printers window is displayed.
5. The DocuPrint C1618 printer icon has been added by installation of the printer driver. Select this added printer icon and click **Properties** from the File menu.

   The Properties dialog box is displayed.
6. The USB port now appears in "Print to the following port(s)" on the Ports tab. Select the USB port and click **Apply**.



7 Click **Print Test Page** on the General tab.

A dialog box to confirm whether or not the test page is printed correctly will be displayed.

8 Check the print results, and if the test page is printed correctly, click **OK**.

9 Click **OK** on the Properties dialog box.

This completes preparations for using the printer.

For Windows 98 or Windows Me

The following example is for Windows 98.

■Install the USB Print Utility

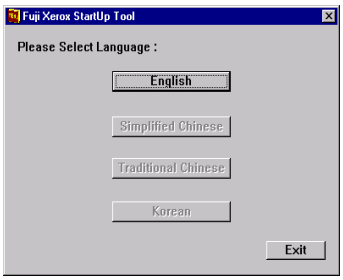
Procedure

1 If the USB cable is connected, temporarily disconnect it.

2 Insert the Software Pack CD-ROM into the CD-ROM drive.

The Fuji Xerox StartUp Tool dialog box appears automatically.

3 Click Install Language.



The Fuji Xerox Setup Menu is displayed.

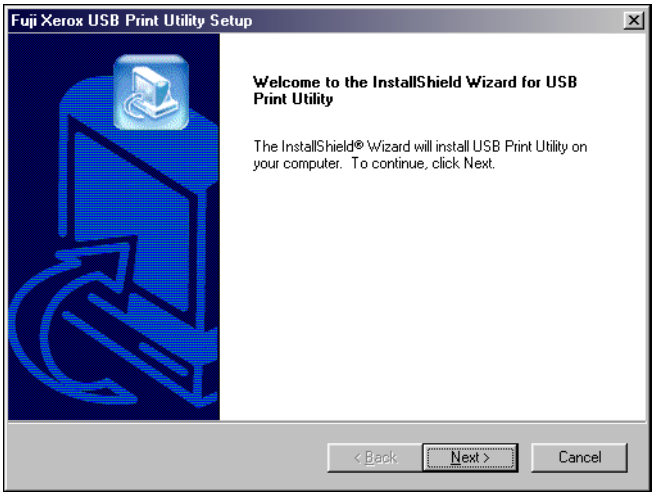
4 Click **CD-ROM reference**.

5 Open the Usb98me folder and double-click the Setup.exe icon.

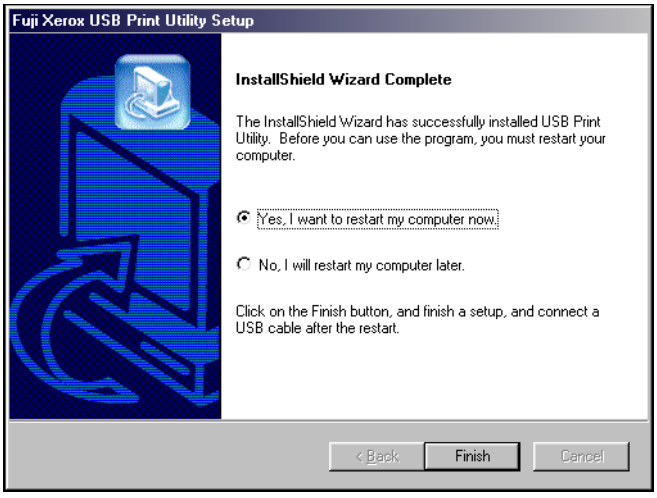
6 Confirm that English is selected, then click **OK**.

The USB Print Utility wizard starts.

7 Click **Next**.


Fuji Xerox USB Print Utility Setup
Welcome to the InstallShield Wizard for USB Print Utility
The InstallShield® Wizard will install USB Print Utility on your computer. To continue, click Next.
< Back
Next >
Cancel

8 Select **Yes, I want to restart my computer now.**, and then click **Finish**.


Fuji Xerox USB Print Utility Setup
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed USB Print Utility. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Click on the Finish button, and finish a setup, and connect a USB cable after the restart.
< Back
Finish
Cancel

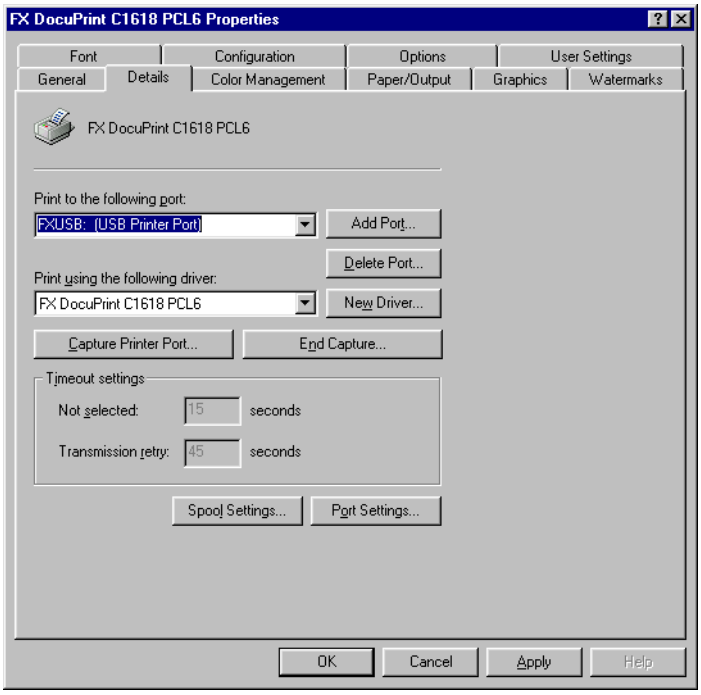
9 After starting up your computer, run Windows 98. Click **Start**, select **Settings** and then **Printers**.

The Printers window is displayed.

10 The DocuPrint C1618 printer icon has been added by installation of the printer driver. Select this added printer icon and click **Properties** from the File menu.

The Properties dialog box is displayed.

11 Confirm that "FXUSB: (USB Printer Port)" now appears in "Print to the following port" on the Details tab.



12 To close the dialog box, click **OK**.

■Connecting the USB cable

To connect the USB cable, refer to the Setup Guide.

■Setting the USB port

Procedure

1 Switch on the printer.

The computer automatically detects the new hardware and installs necessary software.

2 Click **Start**, select **Settings** and then **Printers**.

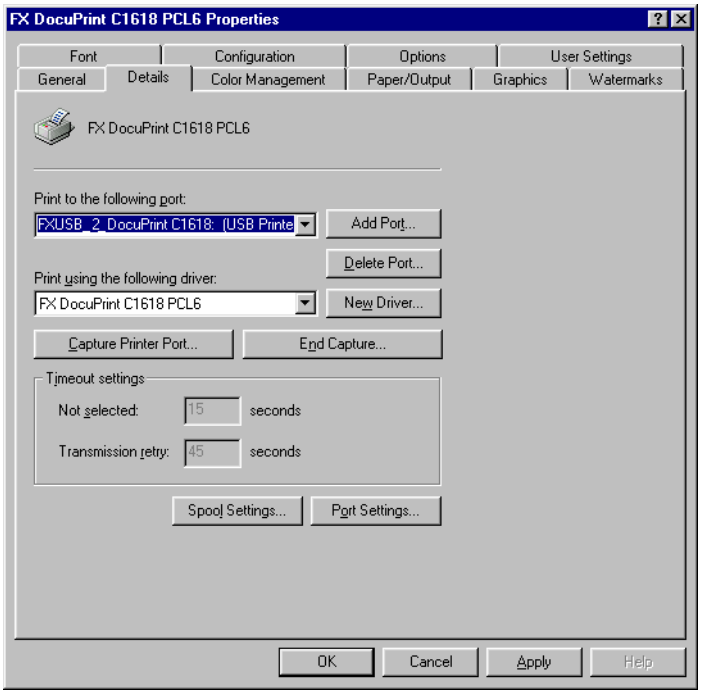
The Printers window is displayed.

3 Select the DocuPrint C1618 printer icon, then click **Properties** on the File menu.

The Properties dialog box is displayed.

4 "FXUSB_x_DocuPrint C1618: (USB Printer Port)" now appears in "Print to the following port" on the Details tab. Select this port.

In FXUSB_x_ …, a value from 0 to FF appears in the position indicated by [x]. The value varies according to the environment.



5 To check the connection, print the test page.

After you have clicked **Apply** to confirm the settings, click **Print Test Page** on the General tab.

A dialog box is displayed to confirm whether or not the test page has been printed correctly.

6 Check the print results, and if the test page is printed correctly, click **Yes**.

7 Click **OK** on the Properties dialog box.

Chapter 3

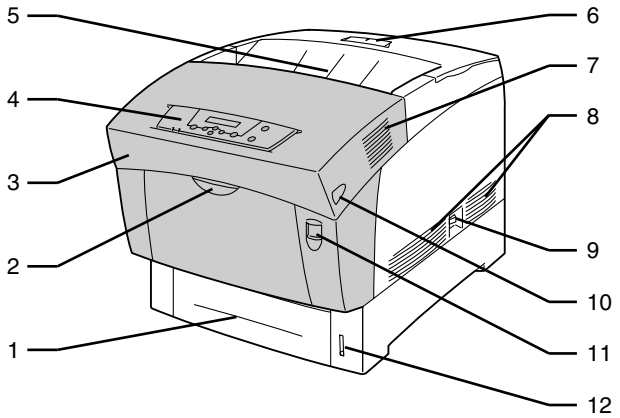
Basic Printer Operation

3.1 Printer Part Names and Functions 54
3.2 Switching On/Off the Power 57
3.3 Printing From a Computer 59
3.4 Using Online Help 63
3.5 Canceling Printing 67
3.6 Changing the Configuration for Options 69
3.7 Printing on Envelopes, Transparencies, and Custom-size (Long) Paper 71
3.8 Two-sided Printing 79
3.9 Using E-Mail Printing 83

3.1 Printer Part Names and Functions

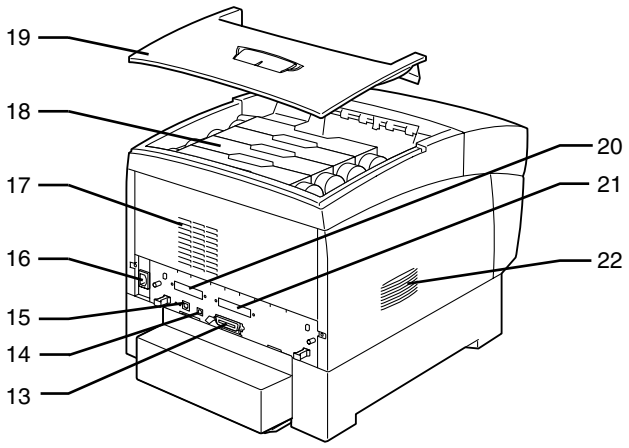
The names and functions of the various parts of the printer are as follows:

Front View



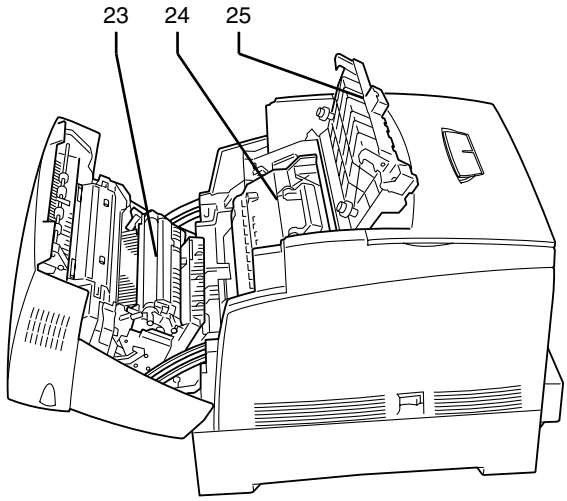
No.	Name	Explanation
1	Paper tray	Load paper here.
2	Bypass tray	Open when manually printing. Use this tray when printing transparencies or envelopes.
3	Front door	This is the printer's front door. Color has been added in the drawing above. Open this to remove jammed paper, or to replace the drum cartridge or transfer roll cartridge.
4	Control panel	Use the buttons and display to control the printer.
5	Face down tray	Printed documents are output here, printed side down.
6	Paper stopper	Lift to prevent paper from spilling out of the face down tray as it is output.
7	Exhaust grille	Allows internal heat to dissipate. Make sure that the exhaust grilles are never obstructed.
8	Ventilation intake grille	Allows air to enter the printer to prevent it from overheating. Make sure that the ventilation intake grilles are never obstructed.
9	Power switch	The printer's power switch. Press "|" to switch on the printer and "O" to switch it off.
10	Button B	Use button B to open the upper part of the front door.
11	Button A	Use button A to open the whole front door.
12	Paper meter	Use the meter as a guide to refill the paper tray.

Rear View

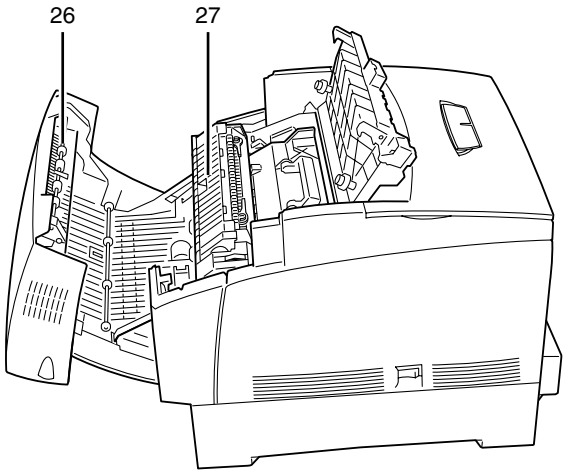


No.	Name	Explanation
13	Parallel interface connector	To use the printer locally, connect the parallel cable here.
14	USB interface connector	To use the printer locally, connect the USB cable here.
15	Ethernet interface connector	To use the printer through a network, connect the Ethernet cable here.
16	Power cord connector	Connect the power cord here.
17	Exhaust grille	Allows internal heat to dissipate. Make sure that the exhaust grilles are never obstructed.
18	Toner cartridges	Insert the black, yellow, magenta, and cyan toner cartridges here.
19	Top cover (Face-down tray)	This is the printer's top cover. Remove it to change the toner cartridges. The top cover also acts as the printer's face down tray. Printed documents are output here, printed side down. Do not use the printer without the top cover.
20	Option slot (for the network expansion card)	Install the optional network expansion card here.
21	Option slot (for the optional hard disk)	Install the optional hard disk here.
22	Ventilation intake grille	Allows air to enter the printer to prevent it from overheating. Make sure that the ventilation intake grilles are never obstructed.

Internal View



<Front door open with button A>



<Front door open with button B>

No.	Name	Explanation
23	Transfer roll cartridge	Images formed on the drum surface are transferred to the paper. Also, it recovers used toner.
24	Drum cartridge	Consists of a light-sensitive drum, developer, and a transfer roller. Images are initially created as an electrical charge on the surface of this drum.
25	Paper outlet cover	This is the paper discharge unit. Open it to replace the drum cartridge.
26	Paper rotator	With two-sided printing, it turns the paper over after the front side is printed.
27	Fuser cartridge	Uses heat to fuse the toner to the paper. The fuser unit gets very hot during printing. Do not touch. Touching the fuser cartridge can cause burns.

3.2 Switching On/Off the Power

3.2.1 Switching On the Power

Follow the procedure below.

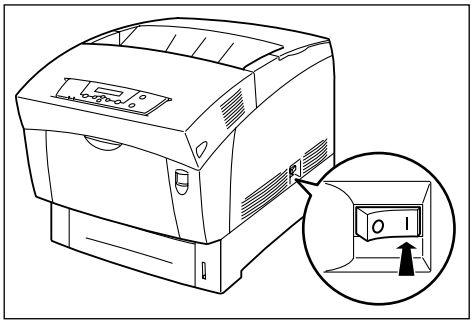
Procedure

1 On the printer's right side, press the side of the power switch marked "|" to switch on the printer.

The printer starts.

Note

The printer motors warm up for one or two minutes when you switch on the printer.



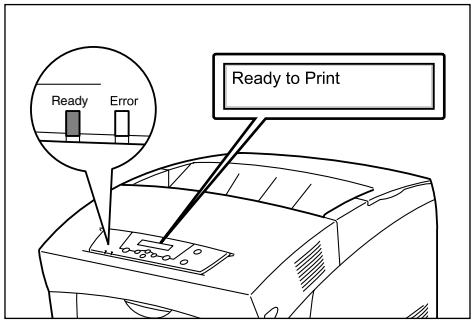
2 "Diagnosing..." appears on the control panel. When the display changes from "Please Wait..." to "Ready to Print", check that the Ready indicator is lit.

Note

When "Please Wait..." is displayed, the printer is preparing to print. Printing is not possible while this message is displayed.

LOOK

If an error message appears on the display, refer to "6.7 When an Error Message Appears on the Control Panel" and rectify the error as instructed.

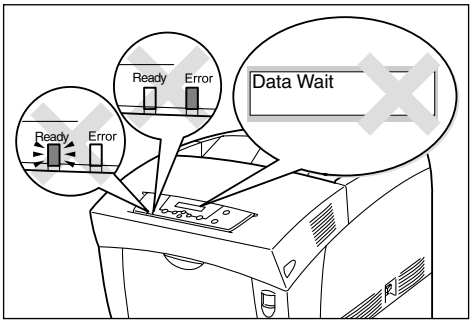


3.2.2 Switching Off the Power

Follow the procedure below.

Procedure

1 Confirm that "Ready to Print" is displayed on the control panel.



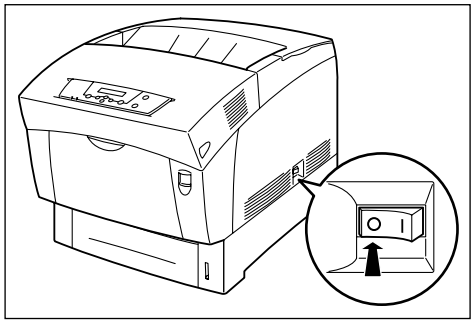
LOOK

Do not switch off the printer in the following situations:

- When "Data Wait" is displayed on the control panel.
- When the Ready indicator is blinking.
- When the Error indicator is lit.

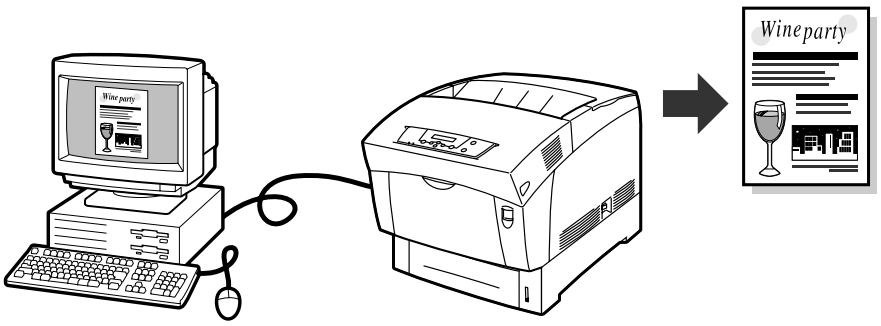
2 On the printer's right side, press the side of the power switch marked "○" to switch off the printer.

The printer is now off.



3.3 Printing From a Computer

This section describes the procedures for printing from computers using the PCL6 printer driver.



LOOK

When you install new printer options, you must reconfigure the printer driver to use the options. To confirm or make settings, refer to "3.6 Changing the Configuration for Options".

Printing from a Program

You can output jobs to the printer from most Windows programs with their Print command.

The following is a description of printing from Microsoft® Word 97 in Windows® 98.

Note

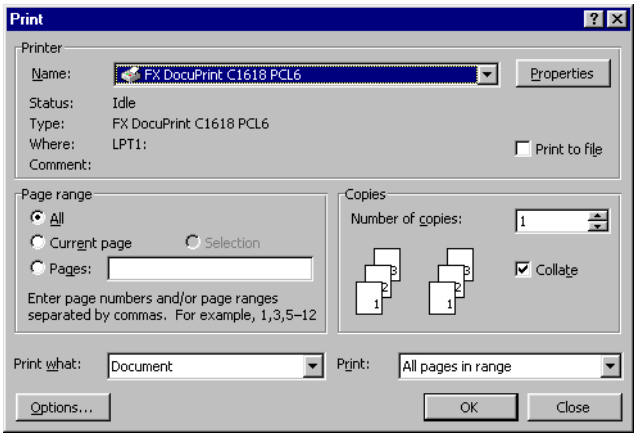
How to access dialog boxes and their contents various depending on the operating system and programs you are using. For details, refer to the literature provided with the program you are using.

Procedure

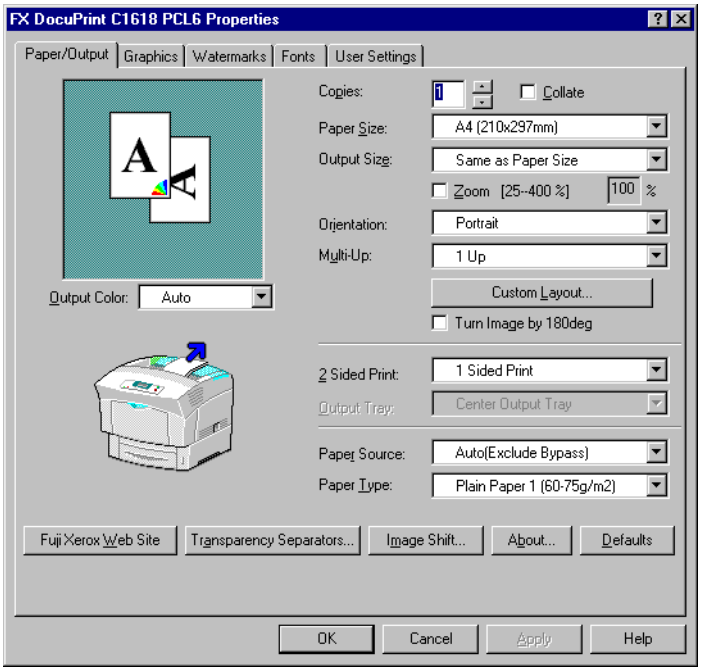
1 On the File menu, click **Print**.

The Print dialog box appears.

2 Select this printer in the Name box and click **Properties**.



3 On the various tabs, make settings for each item as required.



See

- For details about the various tabs, refer to Help. For details about how to use Help, refer to "3.4 Using Online Help".
- Use the Graphics tab to adjust the image and colors to suit your needs.

4 When you finish making settings, click **OK** in the Properties dialog box.

The Properties dialog box closes.

5 In the Print dialog box, select the desired interval in Page range and click **OK**.

The data is sent to the printer.

LOOK

Be careful when removing printed material from the face down tray, as the top cover detaches easily.

See

To cancel printing, refer to "3.5 Canceling Printing".

Changing Default Printing Functions

Default printing functions are preset functions in the printer driver properties dialog box accessed from the Print dialog box. Setting default printing functions in advance saves you time, because it reduces the number of settings you need to make every time you print.
Follow the procedure below to change the default printing functions. The following example is for Windows 98.

Note

How to access dialog boxes and their contents various depending on the operating system and programs you are using. For details, refer to the notes included with this procedure and the literature provided with your operating system.

Procedure

1 Click **Start**, select **Settings** and then **Printers**.

The Printers window is displayed.

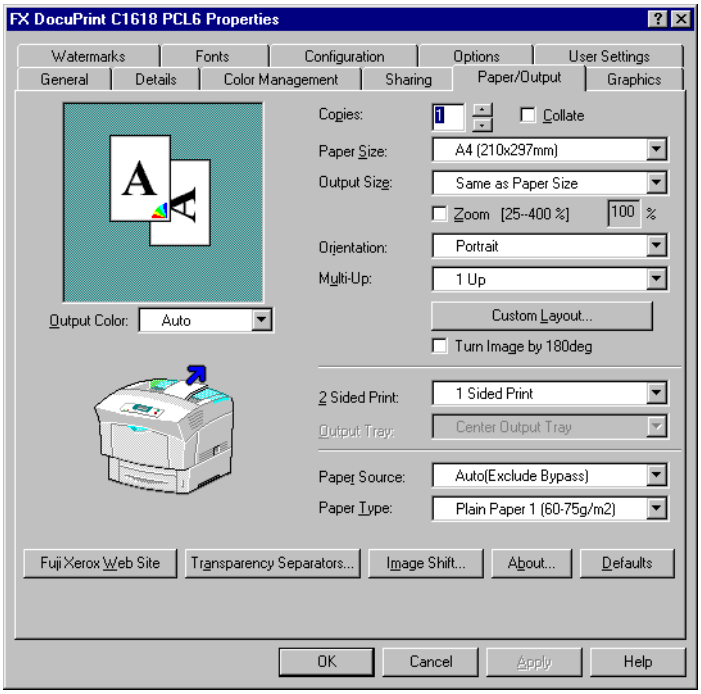
2 Select the appropriate printer and click **Properties** from the File menu.

The Properties dialog box is displayed.

Note

- In Windows 95 and Windows Me, you can open the Properties dialog box the same way as in Windows 98.
- In Windows NT 4.0, click **Document Defaults** on the File menu and make the settings in the dialog box that appears.
- In Windows 2000 and Windows XP, click **Printing Preferences** on the File menu and make the settings in the dialog box that appears.

3 On the various tabs, make settings for each item as required.



See

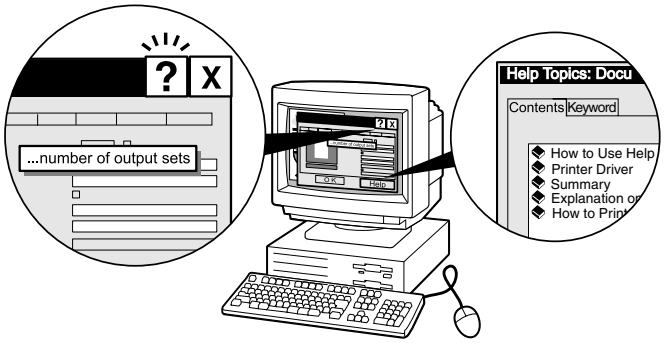
For details about the various tabs, refer to Help. For details about how to use Help, refer to "3.4 Using Online Help".

4 When you finish making settings, click **OK** in the Properties dialog box.

The default printer functions in the printer driver are now changed.

3.4 Using Online Help

Help for the printer is provided with the PCL6 printer driver. Refer to Help when you need to know about printer driver items and settings, or need to check different printing methods when problems occur.



Help Contains the following:

The Help topics are as follows.

How to Use Help Files

How to Use Help
Help Notation
How to Print

Printer Driver

How to Get the Latest Version of the Printer Driver
Trademarks and Abbreviations
Supplementary Information About the Printer Driver
How to Confirm the Printer Driver Version

Summary

DocuPrint C1618 Characteristics
Overview of Printer Driver

Explanation on Each Tab
Paper/Output Tab
Graphics Tab
Watermarks Tab
Fonts Tab
Configuration Tab
Options Tab
User Settings Tab

How to Print Job
Printing on Special Media
Printing on Envelopes
Printing on Glossy Paper
Printing on Transparencies
Inserting Paper Between Transparencies (Transparency Separators)
Duplex Print
Printing on Side 2 (Back) of Special Media
Printing on Side 2 (Back) of Plain Paper
Adjusting Graphics
Specifying the ICC Profile
Setting Color Temperature
Adjusting Color Balance When Printing Color Documents
Adjusting Brightness and Contrast When Printing B/W Documents
Saving Frequently Used Printer Driver Settings
Saving Printer Driver Settings
Using the Retrieved Printer Driver Settings to Print a Job
Printing a Specific Text Repeatedly(Watermark)
Printing a Watermark
Collating/Printing Multiple Sets
Printing Multiple Sets of a Document
Collate
Using This Feature
Using Image Repeat to Print a Job
Printing Multiple Pages of Documents on One Sheet of Paper (Multi-Up Option)
Using Poster to Print a Job
Using Booklet Creation to Print a Job
Printing on a Output Size Different From the Paper Size
Printing on Non-standard Output Size
Shortening Print Data Transmission Time
Solution to Unacceptable Settings Dialog Box
Placing Banner Sheets Between Jobs

Consumables

Replacing the Toner Cartridges, Drum Cartridge and Transfer Roll Cartridge

How to Solve Printing Problems

Unable to Print
Poor Print Quality
Paper Jams
Network Related Problems
When an Error Message is Displayed
When a Problem Could Not be Solved

Nomenclature

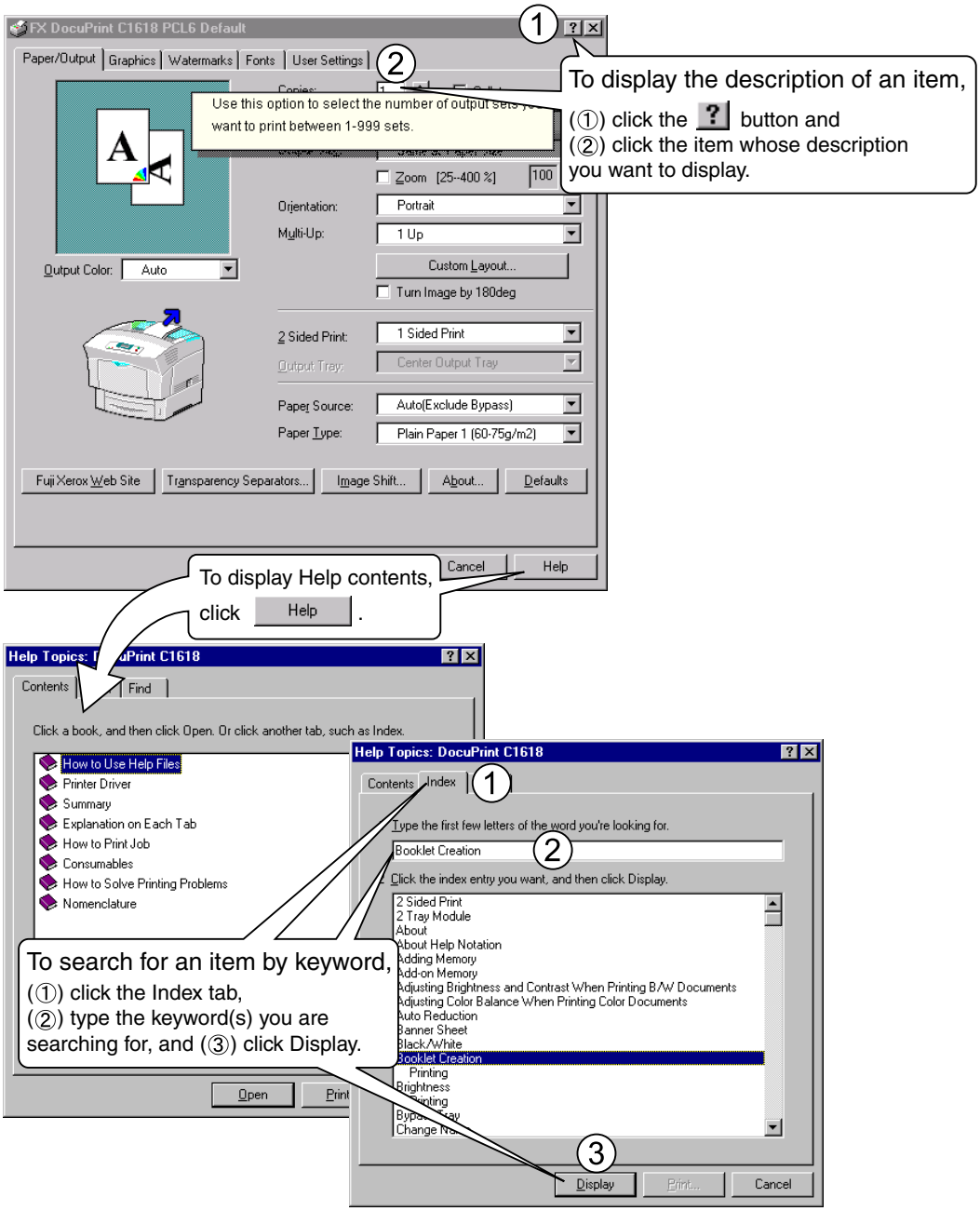
Multi-Up
TrueType Fonts
Color Balance
Resolution
Output Color
Black/White
Restore Defaults
Banner Sheet
Printer Fonts
Non-standard Size (Custom Sizes 1-5)
Color Temperature
ICC Profile

To refer to Help

Open the Properties dialog box and select the tab that contains the item in question.
The example below is for the Paper/Output tab in Windows 98.

See

For details about how to display the Properties dialog box, refer to "3.3 Printing From a Computer" .

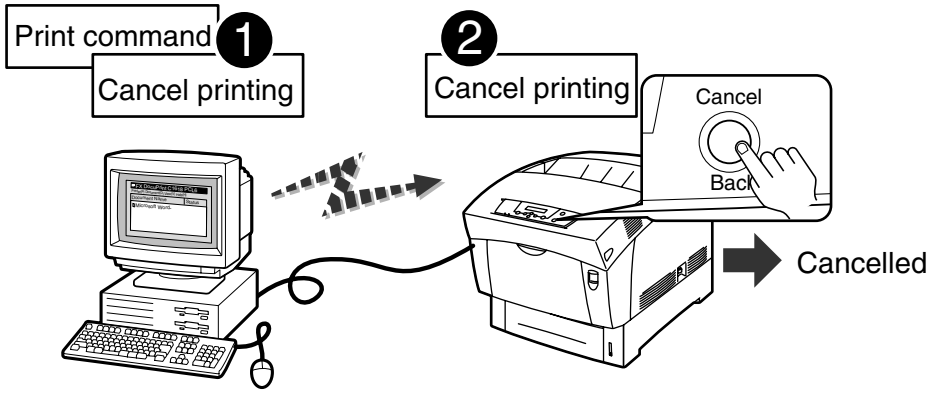


3.5 Canceling Printing

This section explains how to cancel printing.

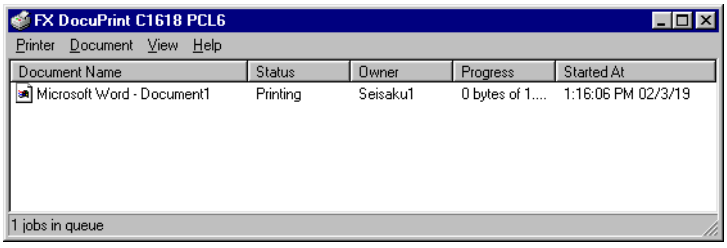
3.5.1 Canceling Printing From the Computer

To cancel printing in Windows, first cancel the print job on the computer, then cancel printing on the printer's control panel.



Procedure

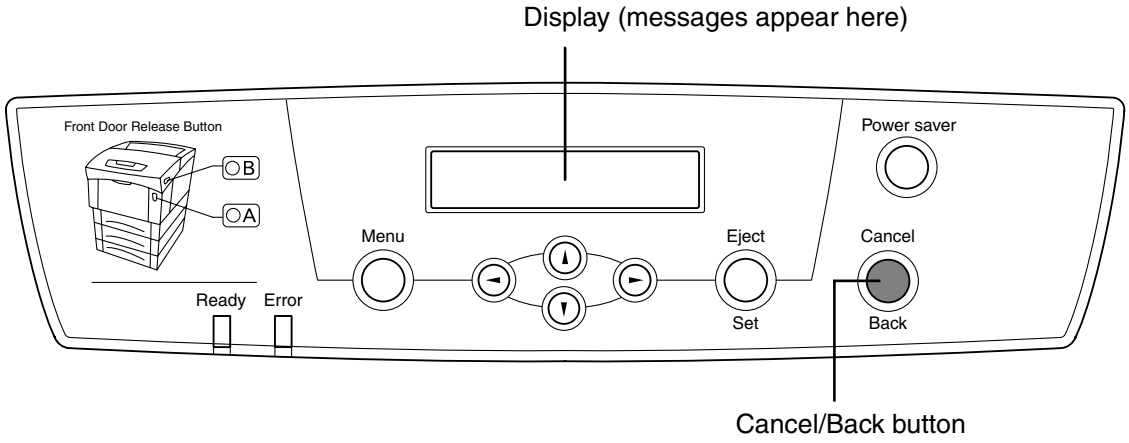
1. Click **Start**, select **Settings** and then **Printers**.
   The Printers window is displayed.
2. Double-click the appropriate printer.
   The printer window is displayed.
3. Click the document that you want to cancel and press the Delete key on the keyboard.



Continue to "3.5.2 Canceling Printing at the Control Panel".

3.5.2 Canceling Printing at the Control Panel

Perform this operation to cancel the print data from the printer after canceling the print command on the computer. Note that the printer finishes printing the current page. Use the following control panel buttons to cancel printing.



See

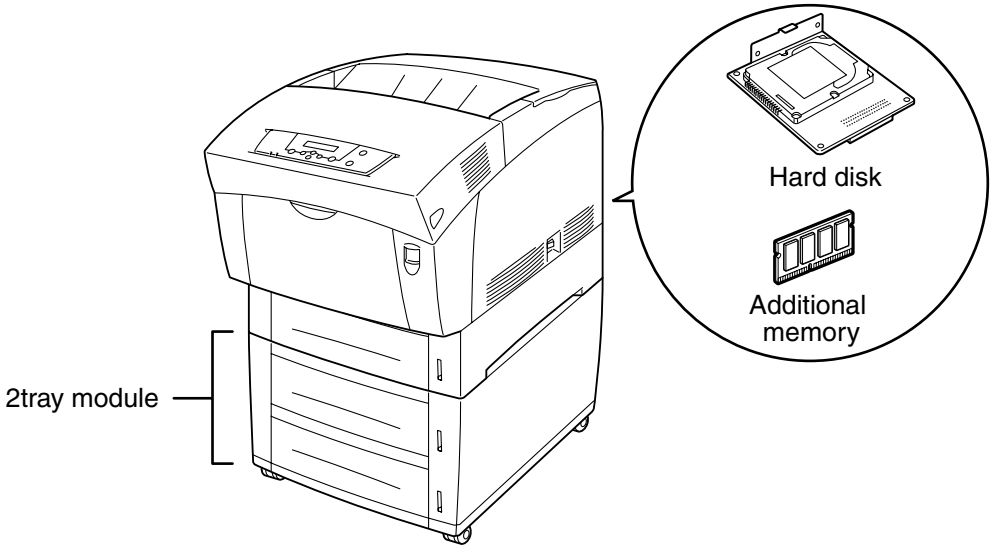
For details about control panel operations, refer to "5.2 Basic Menu Operation".

Printing Parallel Tray 1	(The printer is printing)
↓ ① Press the Cancel/Back button once. The printer begins to process the printing cancellation.	
Canceling	
⇣ When the cancellation finishes, the print screen reappears.	
Ready to Print	(The print screen. The printer is ready to print.)

3.6 Changing the Configuration for Options

If you add any of the following options to the printer after completing initial set-up, you must reconfigure the PCL6 printer driver.

- Hard disk
- Additional memory
- 2 tray module



See

For details about how to install options, refer to the Setup Guide or the literature provided with the options. In the following section, it is assumed that the options are already installed.

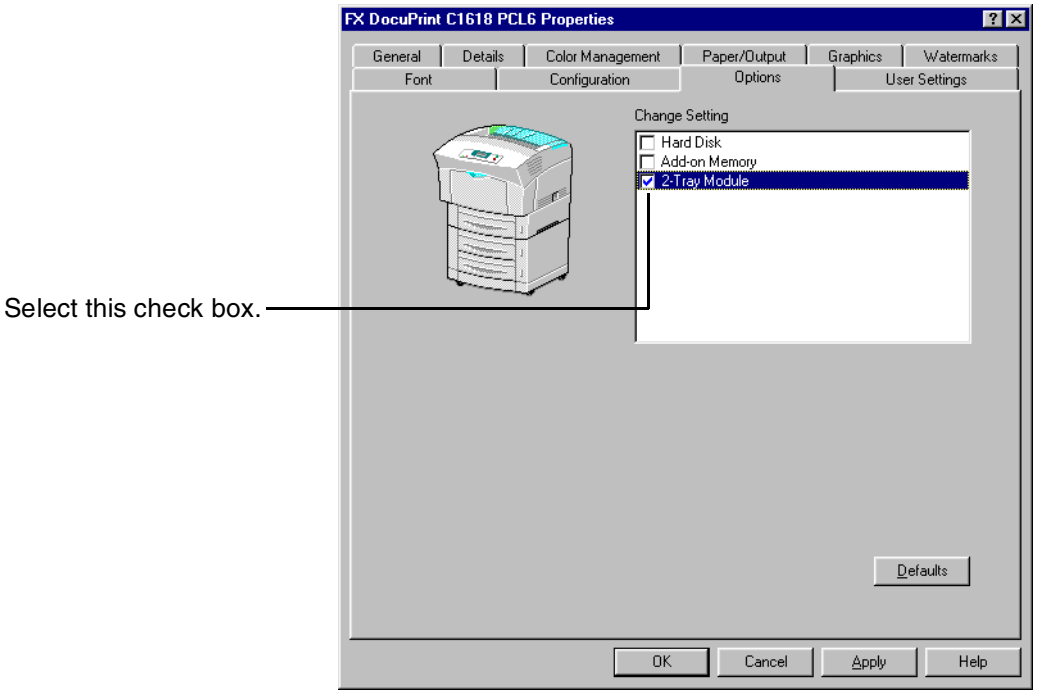
Follow the procedure below. The following example is for Windows 98.

Procedure

1. Click **Start**, select **Settings** and then **Printers**.
   The Printers window is displayed.
2. Select the appropriate printer and click **Properties** from the File menu.
   The Properties dialog box is displayed.
3. Click the **Options** tab.

4 Select the options added to the printer and click **OK**.

Example: With the 2 tray module installed.



3.7 Printing on Envelopes, Transparencies, and Custom-size (Long) Paper

If you are printing on special paper, you have to specify the type of paper and image quality in the PCL6 printer driver when you send a print command from the application software. Take care when setting envelopes, because setting them incorrectly may result in text being printed on the wrong side or upside down.
When printing on transparencies or specialty paper, make sure that you set the type of paper and image quality before sending the print command.

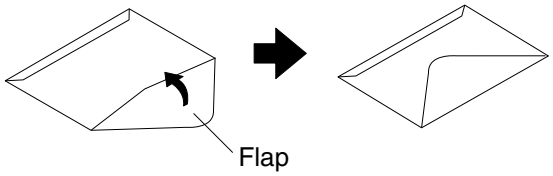
Note

When frequently printing specialty paper in Windows, we recommend that you register the necessary settings in the User Settings tab. Registering the settings saves you time, because you do not need to configure the driver each time you print. For details about the User Settings tab, refer to Help.

3.7.1 Printing on Envelopes

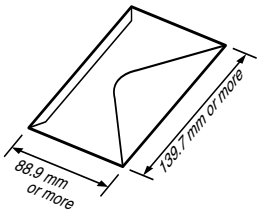
Use the bypass tray to print envelopes.
The envelope sizes listed below are those suitable for use with this printer. Make sure that the flap is closed, and set the envelopes with the flap facing to the right.

- Com-10
- Monarch
- C5
- DL

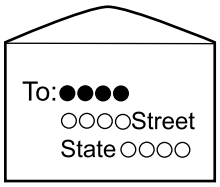


LOOK

- Do not use envelopes that have tape seals. Printing some types of preglued envelopes may not be possible, depending on the condition of the adhesive.
- Do not use envelopes larger than 88.9 mm wide and 139.7 mm long.
- Using poor-quality envelopes can cause creasing and inferior print quality.



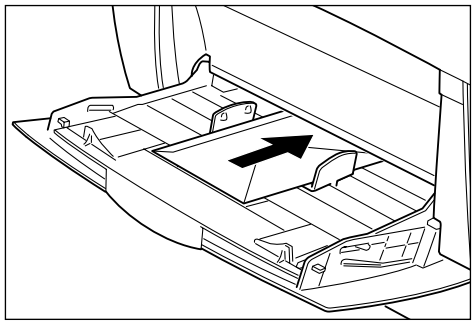
The following is an example of how to print the address on an envelope.
Example:



printed like this.

Procedure

1 Adjust the paper guide to the mark corresponding to the size that you are about to use.



2 Make sure the flap is closed, then load the envelope with the side to be printed facing down and the flap to the right.

3 Launch printing from your program after setting the envelope in the printer.

Now set the items in "Printer Driver Settings (for envelopes)" as shown below:

Printer Driver Settings (for envelopes)

■Windows settings:

Tab	Item	Value
Paper/Output	Output Size	Set Com-10, Monarch, C5, DL or "Same as Paper Size" (If the original size is Com-10, Monarch, C5, and DL)
	Turn Image by 180 deg	Clear checkmark (When the flap is set on the left side, select this option.)
	Paper Source	Bypass
	2 Sided Print	1 Sided Print
	Paper Type	Envelope

Note

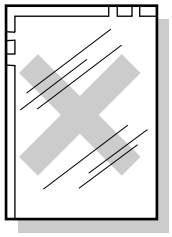
For details about individual printer driver items, refer to Help. For details about how to use Help, refer to "3.4 Using Online Help".

3.7.2 Printing on Transparencies

Use the bypass tray to print transparencies.
You can print in color on Fuji Xerox transparencies (XEROX FILM (no border)) using the DocuPrint C1618.

LOOK

Use only the recommended types of transparencies. Do not use any other types, such as color transparencies (bordered with a white frame).
Using unsuitable transparencies may damage the printer.



Full color transparencies

Do not use transparencies bordered with a white frame.

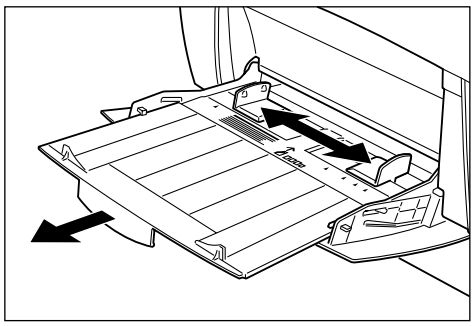
LOOK

Remove each transparency from the face down tray as soon as it is output. When transparencies are allowed to accumulate in the face down tray, static electricity can build up and cause jams.

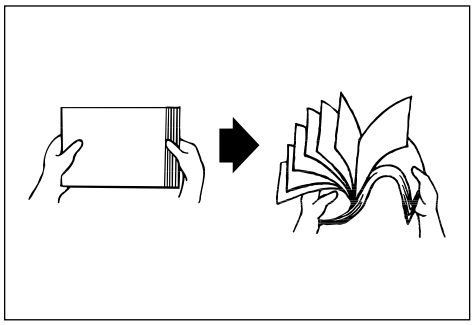
Follow the procedure below to print transparencies.

Procedure

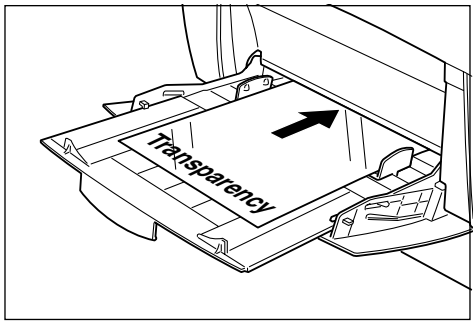
1 Adjust the paper guide to the mark corresponding to the size that you are about to use.



2 Fan a few transparencies at a time.



3 Insert the transparencies into the bypass tray until they lightly touch the feeding slot.



LOOK

Do not use full color transparencies. They can jam in the printer and damage the fuser unit.

4 Launch printing from your program after loading the transparencies in the printer.

Now set the items for "Printer Driver Settings (for transparencies)" as shown below:

Printer Driver Settings (for transparencies)

■Windows settings:

Tab	Item	Value
Paper/Output	Output Size	Set A4 or "Same as Paper Size" (if the original size is A4)
	Paper Source	Bypass
	2 Sided Print	1 Sided Print
	Paper Type	Transparency
Graphics	Image Types	Transparencies

Note

You can also print transparencies with paper inserted between the sheets. For details about the way to set paper between the transparencies and the functions of individual printer driver items, refer to Help. For details about how to use Help, refer to "3.4 Using Online Help".

3.7.3 Printing Custom-size (Long) Paper

Using the bypass tray enables you to print custom-size paper or long paper, longer than legal portrait (355.6 mm).
The paper sizes suitable for use with this printer are as follows:

- One-sided printing: Width 90–216 mm: Length 139.7–900.0 mm
- Two-sided printing: Width 90–216 mm: Length 139.7–355.6 mm

LOOK

Feeding custom-size paper sideways is not possible. Always feed this type of paper lengthwise.

To print on custom-size paper, you must set the paper size as a user defined size first.

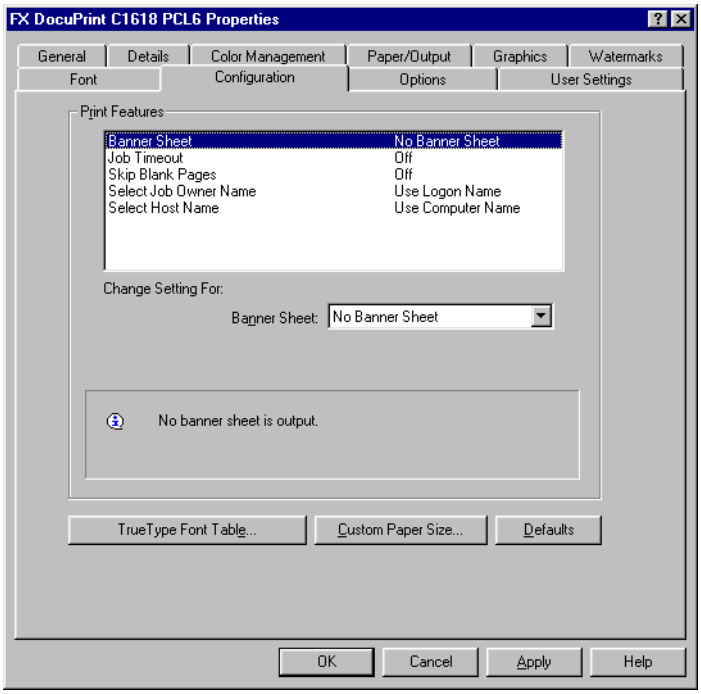
Setting a User Defined Size

In Windows, you need to set the user defined size using the following procedure before launching the printing command from a program. The following example is for Windows 98.

Procedure

1. Click **Start**, select **Settings** and then **Printers**.
   The Printers window is displayed.
2. Select the appropriate printer and click **Properties** from the File menu.
   The Properties dialog box is displayed.

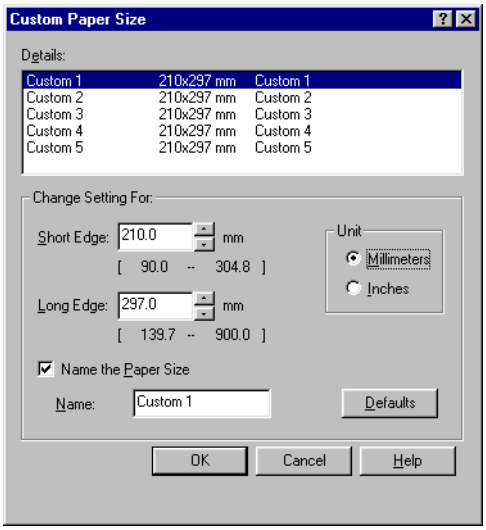
3 Click the **Configuration** tab.



4 Click **Custom Paper Size**.

The Custom Paper Size dialog box appears.

5 Select one of the five paper sizes.



See

For details of the Custom Paper Size dialog box settings, refer to Help. For details about how to use Help, refer to "3.4 Using Online Help".

6 When you finish making the settings, click **OK** in the Custom Paper Size dialog box.

7 In the Properties dialog box, click **OK**.

The user defined size is now set.

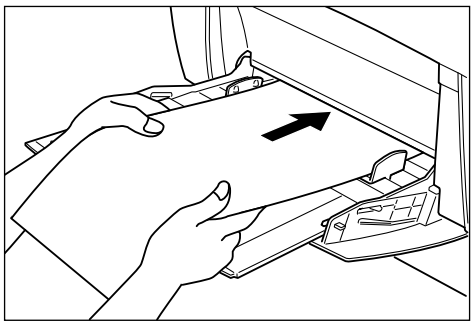
How to Print

Follow the steps below to print on custom-size (long) paper.

Procedure

1 Adjust the paper guide to the width of the paper that you are about to use.

2 With the printed side facing down, set the paper into the bypass tray so that it lightly touches the feeding slot.



3 Launch printing from your program after setting the paper.
Set the items for "Printer Driver Settings (for Custom-size (Long) Paper)" as shown below:

LOOK

When printing on long paper, after giving the print command, support the paper with your hands while it feeds in the printer.

Printer Driver Settings (for Custom-size (Long) Paper)

■Windows settings:

Tab	Item	Value
Paper/Output	Output Size	Select a setting from Custom 1 to Custom 5. (The paper size selected in the Custom Paper Size dialog box on the Configuration tab.)
	Paper Source	Bypass

Note

For details about individual printer driver items, refer to Help.
For details about how to use Help, refer to "3.4 Using Online Help".

3.8 Two-sided Printing

You can use one of the following procedures to do use the printer for two-sided printing.

- For plain paper, whether fed from a paper tray or the bypass tray, two-sided printing is carried out automatically if you select it in the PCL6 printer driver upon executing the print command.
- For specialty paper such as envelopes or heavy weight paper, you can print the back surface of the paper from the bypass tray as long as the front surface of the paper was printed using this printer.

See

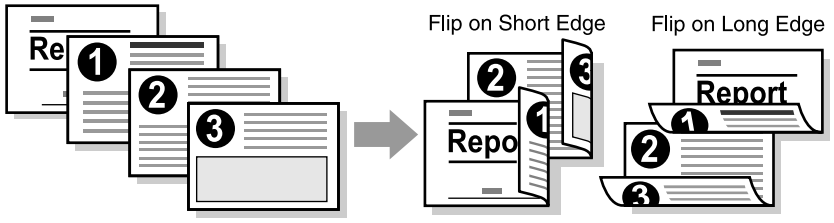
For details about the types of paper suitable for two-sided printing, refer to "4.1.1 Suitable Paper".

Note

If you use two-sided printing frequently in Windows, we recommend that you register the necessary settings in the User Settings tab. Registering the settings saves time, because you do not need to configure the driver each time you print. For details about the User Settings tab, refer to Help.

Types of Two-sided Printing

There are two types of two-sided printing: "Flip on Long Edge" and "Flip on Short Edge". The results of printing with the two types are shown below:



3.8.1 Two-sided Printing

To print on both sides of plain paper, set the paper into the paper tray or bypass tray.
You can use the following paper sizes for two-sided printing:

- Min. W: 149 mm x L: 210 mm. . . . . Corresponding to A5 size
- Max. W: 216 mm (8.5 inch) x L: 356 mm (14 inch)
  . . . . .Corresponding to 14 inch Legal size

Follow the procedure below to print on both sides of plain paper.

See

To print on both sides of specialty paper such as envelopes, heavy weight paper, or glossy paper, refer to "3.8.2 Two-sided Printing on Specialty Paper".

Procedure

1 Set the paper lengthwise into the paper tray or bypass tray.

LOOK

When printing on both sides of long-sized, plain paper (paper that exceeds 355.6 mm in length), print one sheet at a time from the bypass tray.

2 Launch printing from your program after setting the paper.
Now set the items for "Printer Driver Settings (for two-sided printing on plain paper)" as shown below:

Printer Driver Settings (for two-sided printing on plain paper)

■Windows settings:

Tab	Item	Value
Paper/Output	2 Sided Print	"Flip on Long Edge" or "Flip on Short Edge"
	Paper Type	Plain Paper 1 or Plain Paper 2

Note

With custom sizes, it is necessary to configure other items to suit the paper size.
Refer to the previous section or the printer driver Help for details about these settings. For details about how to use Help, refer to "3.4 Using Online Help".

3.8.2 Two-sided Printing on Specialty Paper

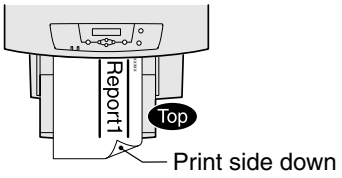
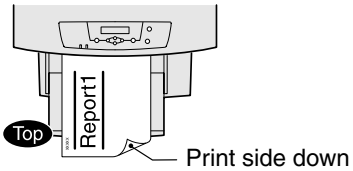
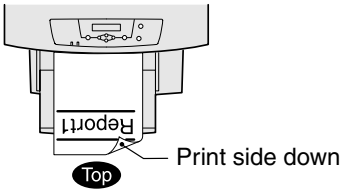
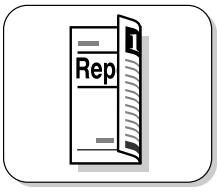
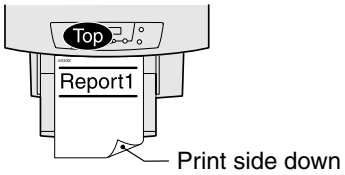
Provided the front side of the paper has been printed using the DocuPrint C1618, you can use the bypass tray to print on the back of the following types of specialty paper.

- Heavy weight paper
- Envelopes
- Glossy paper

LOOK

Avoid printing on paper preprinted with another printer, as this can damage the printer.

Set the paper in the bypass tray according the orientation of the original or the desired binding orientation.

To print like this:	Paper orientation
	
To print like this:	Paper orientation
	
To print like this:	Paper orientation
	
To print like this:	Paper orientation
	

Top means the top of the document.

When printing on the back of specialty paper, make sure that you configure the items below in the PCL6 printer driver when giving the print command from the program.

Printer Driver Settings (when printing on side 2 of a printed paper)

■Windows settings:

Tab	Item	Value
Paper/Output	Paper Source	Bypass
	Paper Type	xxx (Side 2) (xxx refers to the type of paper)

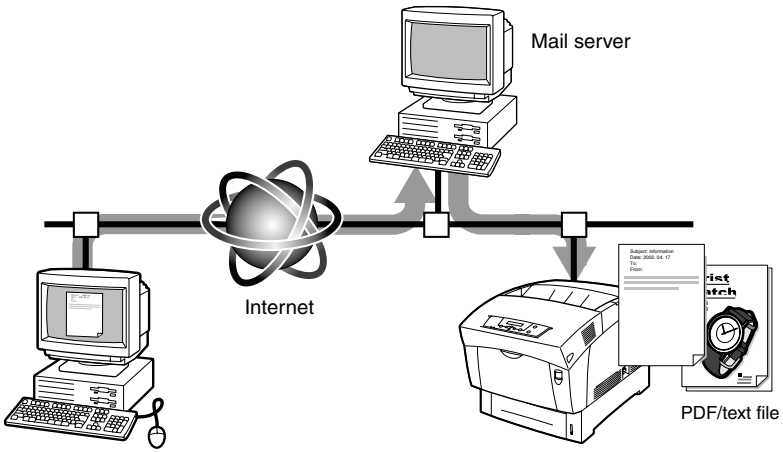
Note

With custom sizes, it is necessary to configure other items to suit the paper size.
Refer to the previous section or the printer driver Help for details about these settings. For details about how to use Help, refer to "3.4 Using Online Help".

3.9 Using E-Mail Printing

When the printer is connected to a network and has been configured to use TCP/IP communication and transmission/reception of e-mail, computers can send mail to the printer.

Mail sent to the printer is printed, along with any attached documents (PDF files or text files). This function is called "E-Mail Printing".



3.9.1 Configuring the System for E-Mail Printing

In order to use e-mail printing, the servers (such as the SMTP and POP3 servers) in your network need to the set up appropriately.
Consult your system administrator regarding mail-related settings.
You will also need to make the following printer settings using CentreWare Internet Services.

Item	Setting content
Port start-up	Starts "E-Mail Printing" using SMPT/POP3.
Port setting (SMTP/POP3)	This is where you make mail system and e-mail printing settings, such the printer's mail address, the SMTP server address, the POP3 server address, the POP user name, and the POP password. The password used for printing is also set here.

See

- You can also start up the port from the control panel. For details about starting the port from the control panel, refer to "1.2.4 Setting the Protocols".
- For details about making CentreWare Internet Services settings, refer to the Network Print Environment User Guide on the CD-ROM provided, or to the CentreWare Internet Services online help.

The explanations which follow assume that these system settings have already been made.

3.9.2 Transmittable File Attachments

Only the following types of file attachments can be transmitted to the printer.

- PDF files
- Text (txt) files

Note

When printing text files, select "Yes" for the "Text Print" option of "1: System". By default, the "Text Print" option is set to "No".

3.9.3 Sending Mail

With e-mail printing, you specify the mail address of the printer using the mail software installed on your computer.
The following special commands must be included in either the subject line or the body of the e-mail, and the file to be printed must either be specified in the e-mail, or attached to the e-mail as a PDF or txt file.

See

Procedures for sending mail vary according to the e-mail software being used. See the instructions provided with the e-mail software for details.

Note

Specify text as the format for sending e-mail. The e-mail printing function does not support the HTML format (HTML mail).

When specifying commands in the body of the e-mail

Commands that can be included in the body of the e-mail are as follows.
When commands are included in the body, it does not matter what is included in the subject line. Indicate any subject desired.

Command	Parameter	Explanation
#Password	Password	Be sure to include this command first if a password for printing has been set. This command may be omitted if no password has been set.
#Print	- (none)	Text is printed starting from the line following the #Print command. If the e-mail has a file attachment (PDF or txt), the attached file is printed.

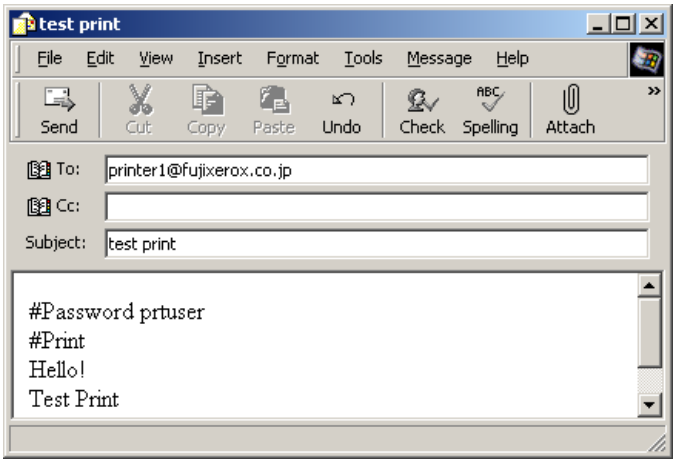
<Example>

Commands are included in the e-mail according to the following rules.

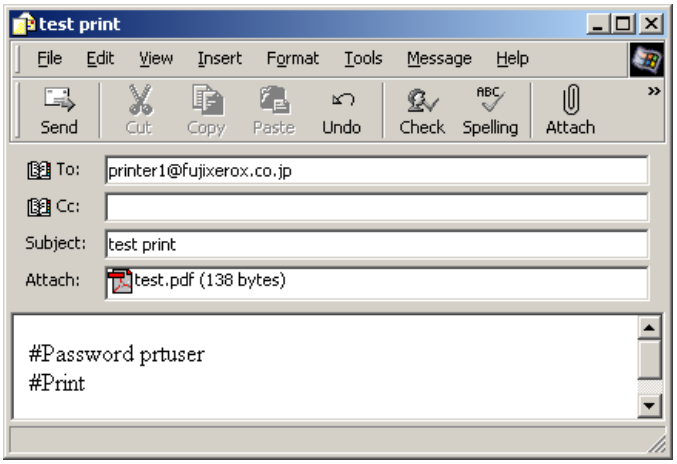
- No distinction is made between uppercase and lowercase characters.
- Commands always begin with the "#" symbol, and if a password has been set, the #Password command is always included at the beginning of the body of the e-mail.
- Lines beginning with characters other than "#" are ignored.
- The body of the e-mail may include one command per line, and commands are delimited from parameters with spaces or tabs.
- If the same mail includes two or more of the same command, the second and subsequent instances are ignored.

Examples of command description with Outlook Express are shown below. In these examples, the mail address of the printer is assumed to be "printer1@fujixerox.co.jp", and the print password is assumed to be "prtuser".

Example 1:When printing text included in the body of the e-mail



Example 2:When printing an attachment to the e-mail



Note

- Nothing is printed if there is no text following the #Print command.
- Multiple e-mail attachments (PDF or text files) can be printed.
- From the control panel, select "Yes" for the "Text Print" option of "1: System". By default, the "Text Print" option is set to "No".

When Specifying Commands in the Subject Line of the E-Mail

Commands that can be specified in the subject line are as follows.

Command	Explanation
#Print password	If a password for printing has been set, specify it following #Print, separating the two with a space. If no password has been set, specify "#Print" by itself. Example: #Print #Print prtuser
#Print[password]	If a password for printing has been set, it can also be specified in brackets following #Print. In this case, do not include any spaces between "#Print" and the opening bracket. Example: #Print[prtuser]

When the #Print command is specified in the subject line of the e-mail, the entire body of the e-mail is printed, along with any e-mail attachments (PDF or text files).
However, the body of the e-mail is not printed if the first line of the body is empty (if it contains only a line return or spaces).

Confirmation Mail Sent by the Printer

Upon receiving mail containing the #Print command, the printer sends e-mail like the following in response.
This response mail makes it possible for the user to determine whether or not the print command was successfully submitted.

Note

If the #Print command is specified in the subject line of the e-mail, then the subject line of the response mail always contains "Re:#Print", regardless of whether or not a password has been specified.

```
Subject: Re: test print
    Date: Fri, 22 Feb 2002 16:11:39 +0900 (JST)
   From: printer1@fujixerox.co.jp
      To: service@fujixerox.co.jp

[E-Mail Printing]
 - Command received.
```

3.9.4 Points to Note When Sending Documents via E-Mail

Precautions Related to Security

Mail is transmitted via the Internet, which is connected to computers all over the world. Therefore, appropriate security precautions are necessary to prevent documents from being viewed or altered by third parties.
Accordingly, it is recommended that alternate measures that provide adequate security be employed when transmitting information of a sensitive nature.
Additionally, to avoid receiving unwanted mail, avoid disclosing the printer's e-mail address to third parties.

Specifying Addresses From Which the Printer Will Accept Mail

The printer can be set to accept mail only from designated addresses. You can register up to two mail addresses from which the printer will accept mail.

For details about setting addresses from which the printer will accept mail, refer to the Network Print Environment User Guide on the CD-ROM provided, or to the CentreWare Internet Services online help.

Chapter 4

Loading Paper and Usable Paper Types

4.1 Suitable and Unsuitable Paper Types 90
4.2 Loading Paper 96

4.1 Suitable and Unsuitable Paper Types

Using paper that is unsuitable for printing can cause paper jams and deteriorate print quality. We recommend that you use the types of paper listed below for the best results from your printer.

4.1.1 Suitable Paper

Suitable Paper Density

When using stationary supplier paper, make sure that it complies with the following specifications. However, we recommend that you use standard domestic paper.

Feeding Method	Specifications
Bypass tray	G.S.M.: 60 to 216 g/m^2
Tray 1 Trays 2, 3 (optional)	G.S.M.: 60 to 105 g/m^2

Note

G.S.M. or g/m^2 is a measure of the substance of paper expressed in grams per square meter, which does not depend on the number of sheets in the ream.

Standard Domestic Paper

Standard paper for this printer is defined as follows:

Paper Type	Paper Name	Specifications
Plain Paper 1	Fuji Xerox P Paper (for monochrome printing)	G.S.M.: 64 g/m^2
Plain Paper 2	Fuji Xerox J Paper (for color and one-sided printing)	G.S.M.: 82 g/m^2

Specialty Paper

You can print the following types of paper from the bypass tray. They are referred to as specialty paper.

Paper Type	Product Code	Important
Transparency (Xerox Film (no borders))	V516	Do not use full color transparencies (bordered by a white frame).
Labels (A4)	V862	Use label sheets that are uncut with labels covering the whole sheet.
Envelope • Com-10 • Monarch • C5 • DL	-	Do not use envelopes that have tape seals. Printing some types of preglued envelopes may not be possible, depending on the condition of the adhesive.
Heavyweight (G.S.M: 100 to 216 g/m^2)	-	When printing on rigid, heavy weight paper, the image position may shift.
Glossy Paper • Mylar-film 157g/m^2 (A4) • NK special double-sided art paper (for two-sided printing) (A4)	V588 V607	When printing on glossy paper, feed the sheets one by one. Moisture can cause the sheets to stick together, causing more than one sheet go through at one time, which can result in malfunction or damage.

Paper Trays, Types, and Sizes

The paper types, sizes, and the maximum number of sheets that you can load in the different trays are shown in the table below. Load all paper into the printer in the portrait orientation (lengthwise).

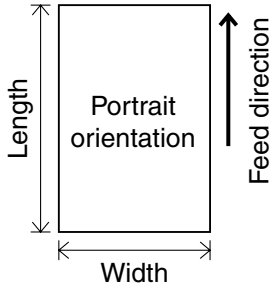
Feeding Method	Paper Type	Maximum number of sheets	Paper Size
Bypass tray	Plain Paper 1 (60-75g/m^2) Plain Paper 2 (76-99g/m^2) Envelope Labels Transparency (no border) Heavyweight 1 (100-159g/m^2) Heavyweight 2 (160-216g/m^2)	150 sheets Up to 10 mm stack	A5 B5 A4 8.5 x 11" (Letter) 8.5 x 14" (Legal) Envelopes (Com-10, Monarch, C5, DL) Custom paper size (width: 88.9 to 215.9 mm, length: 139.7 to 900 mm) LOOK • Using low-quality paper can cause creasing and deteriorate print quality. • When printing on paper longer than 355.6 mm, support the paper with your hands while it feeds through the printer.
	Glossy Paper Paper longer than 355.6 mm	1 sheets	
Tray1 (500 sheets cassette (bundled or optional))	Plain Paper 1 (60-75g/m^2) Plain Paper 2 (76-99g/m^2)	Up to 500 sheets or a 56 mm stack LOOK For A5 portrait, you can use up to 350 sheets or a 40 mm stack.	A5 B5 A4 8.5 x 11" (Letter) 8.5 x 14" (Legal)
Trays 2, 3 (2 tray module (optional))			

LOOK

The number of sheets that you can load varies according to paper thickness.

Note

The illustrations below provide a description of width and length mentioned in the table above.



Types and Sizes of Paper Usable for Two-sided Printing

You can use this printer to print on both sides of the paper.

Note

Use Fuji Xerox JD paper for two-sided printing when printing high-resolution, color images.

■ Automatic Two-sided Printing

For automatic two-sided printing, select "2 Sided Print" in the printer driver's Properties dialog box before executing the print command.
You can use the following paper types and sizes for two-sided printing:

Paper Type	Paper Size
Plain Paper (G.S.M: 64 to 99 g/m^2)	A5 B5 A4 8.5 x 11" (Letter) 8.5 x 14" (Legal)

■ Manual Two-sided Printing with the Bypass Tray

To print on both sides of the following types of specialty paper, print the front side first, then load the sheets into the bypass tray to print the back side.

LOOK

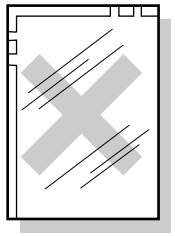
Do not print the back side of sheets whose front side was printed using a printer other than the DocuPrint C1618.

Paper Type
Heavyweight (G.S.M.: 100 to 216 g/m^2) Envelope Glossy Paper

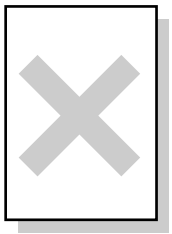
4.1.2 Unsuitable Paper

Avoid using the following paper types as they can cause paper jams or damage the printer.

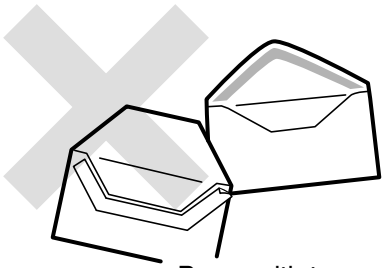
- Transparencies other than those recommended. (Fuji Xerox Full Color transparencies or other.)
- Inkjet paper
- Paper that is too thick or too thin
- Paper with a face preprinted with another printer or copier, or paper preprinted with ink
- Folded, creased, or torn paper
- Damp or wet paper
- Curled or warped paper
- Sheets affected by static electricity
- Layered or adhesive paper
- Specially glossy paper
- Colored paper with a treated surface
- Paper printed with ink that cannot withstand temperatures of 155°C.
- Heat-sensitive paper
- Carbon paper
- Paper with a rough surface such as textured or fiber form paper
- Acidic paper that can cause the characters to fade over time. Use neutral paper.
- Envelopes with a rough surface or clips attached
- Paper with staples, paper clips, tape, or ribbons attached
- Envelopes with sticky adhesive
- Labels whose backing is visible or are precut.



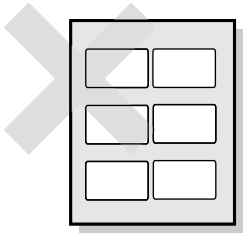
Full color transparencies



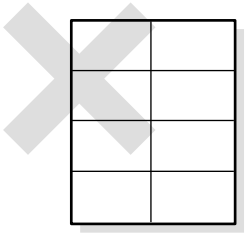
Inkjet paper



Paper with tape attached



Shiny backing paper visible



Precut label sheets

- T-shirt transfer paper (heat press use)
- Transfer paper (cold water use)

- Opaque film
- Digital coated glossy paper
- Adhesive paper (transparent, colorless)
- Paper with holes

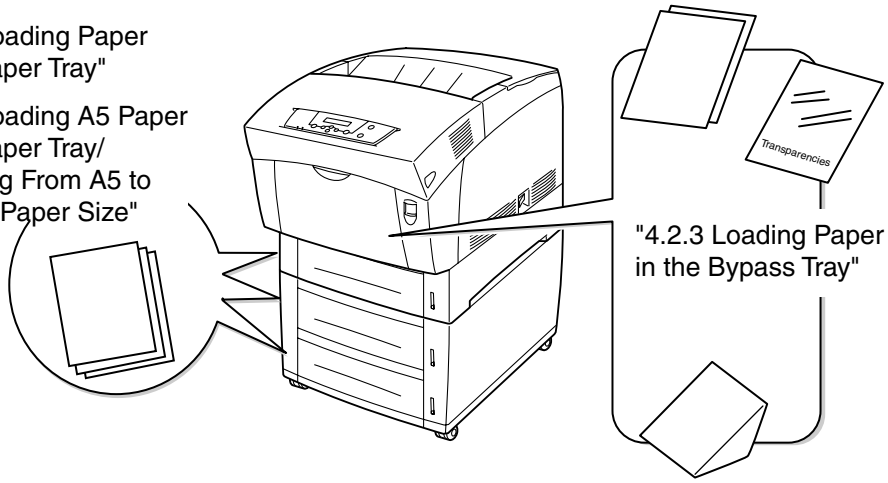
4.1.3 Storing Paper

Failure to properly store paper can result in paper jams, impaired print quality, or damage to the printer. Store paper under the following conditions:

- Temperature 10 to 30°C
- Relative Humidity 30 to 65 %
- In a dry place
- After opening the package, wrap unused sheets in their original package and store in a cabinet or other dry place.
- Store paper on a flat surface. Do not lean paper against other objects or place it in an upright position.
- Avoid storing paper in way that may cause creasing, folding, or curling.
- Store paper away from direct sunlight.

4.2 Loading Paper

Refer to the appropriate section below to load or change paper.


"4.2.1 Loading Paper in the Paper Tray"
"4.2.2 Loading A5 Paper in the Paper Tray/ Changing From A5 to Another Paper Size"
Transparencies
"4.2.3 Loading Paper in the Bypass Tray"

See

For more information about suitable paper types, refer to "4.1 Suitable and Unsuitable Paper Types".

4.2.1 Loading Paper in the Paper Tray

Follow the procedure below to load paper into the paper tray.

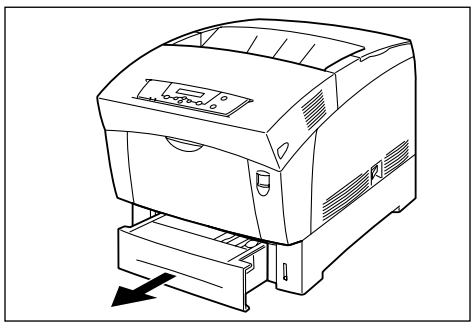
Note

Load paper into the optional 2 tray module the same way.

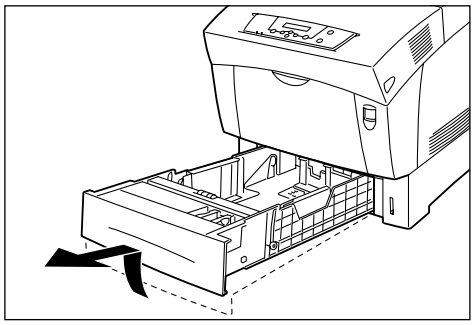
To load A5 paper or change to a paper size other than A5, you need to install or remove the A5 spacer. To install or remove the A5 spacer, refer to "4.2.2 Loading A5 Paper in the Paper Tray/Changing From A5 to Another Paper Size".

Procedure

1 Gently pull out the paper tray until it stops.



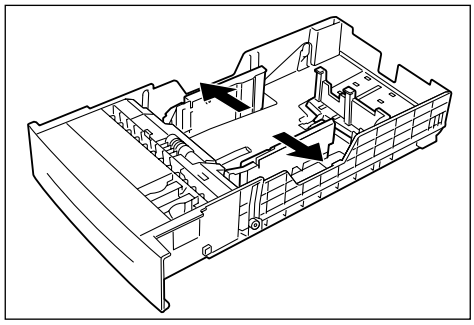
2 Hold the tray with both hands, lift the front slightly and pull it completely out of the printer.



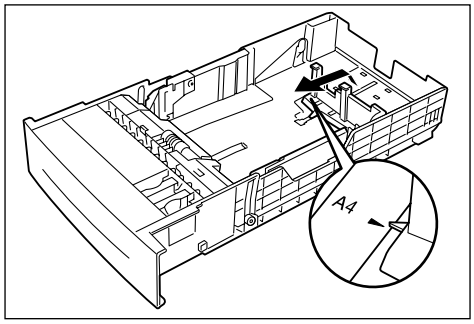
Note

Place the tray on a flat surface.

3 Move the side paper guides to their outermost positions.



4 Gently lift the end paper guide to move it, and insert the pins at the bottom of the guide in the holes (indicated by the ► mark) corresponding to the paper size that you want to load.

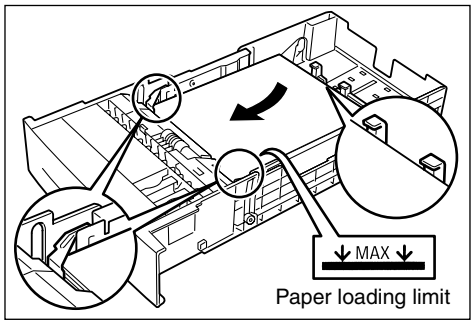


Make sure that the end guide is properly inserted into the appropriate holes for the paper size.

LOOK

Even small movement of the end paper guide can make automatic paper size detection impossible. If this occurs, move the end paper guide all the way to its outermost position again, then realign it with the appropriate paper size mark.

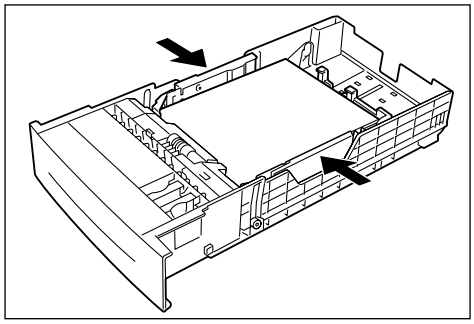
5 Align the four corners of the paper stack and insert the paper (print side up) under the tabs.



LOOK

- Do not use paper that is folded, creased, or heavily warped.
- Make sure that all the paper is under the tabs.
- Do not overload the paper tray.

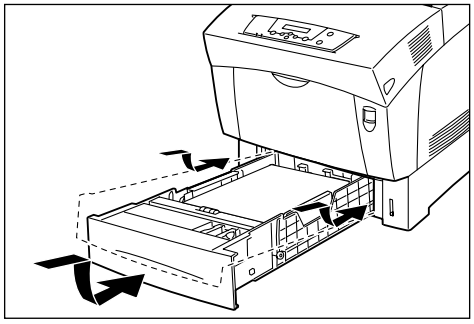
6 Align the side guides with the edges of the paper.



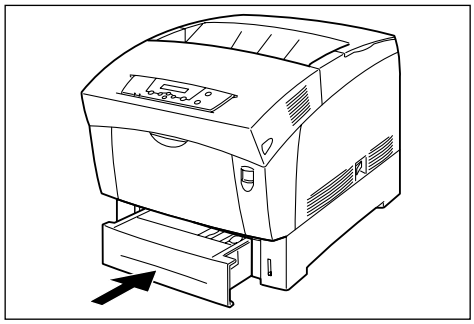
LOOK

- Pushing the paper guides too hard against the edges of the paper stack can cause a paper jam. However, if the paper guides are too loose, the paper may twist as it feeds through the printer.
- Particularly, when setting A4 size paper, set the gradation correctly to A4 so that it is not mistaken for letter size.

7 Hold the paper tray with both hands, align it with the opening in the printer and gently insert it.



8 Push the paper tray completely back into the printer.

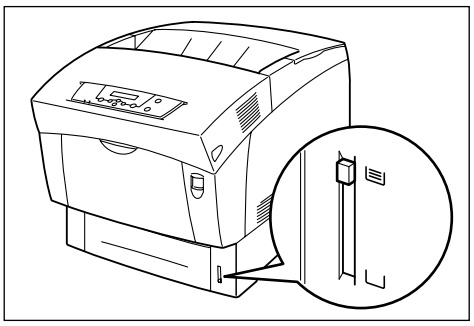


LOOK

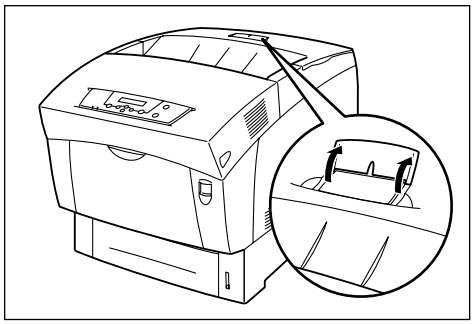
Do not use excessive force on the paper tray. Doing so could damage the paper tray or the inside of the printer.

Note

There is an indicator next to the paper tray that tells you how much paper remains in the tray. Use this meter as a guide to refill the paper tray.



9 When printing A4 or Letter size paper, lift the stopper on the top cover.



4.2.2 Loading A5 Paper in the Paper Tray/ Changing From A5 to Another Paper Size

Loading A5 Paper

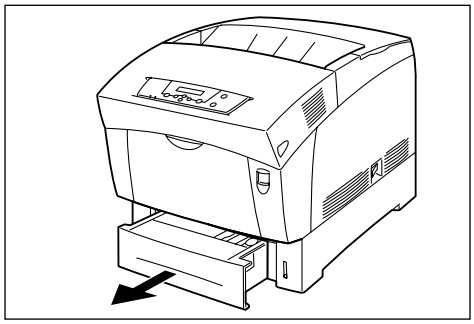
Follow the procedure below to load A5 paper into the paper tray.

Note

Load paper into the optional 2 tray module the same way.

Procedure

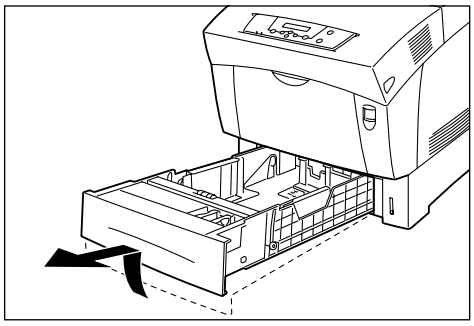
1 Gently pull out the paper tray until it stops.



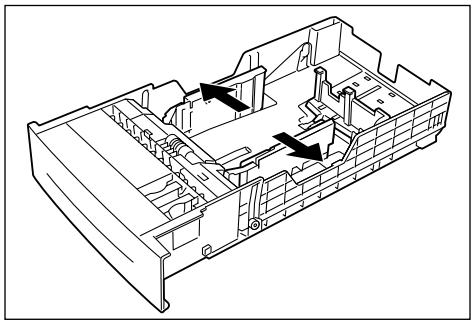
2 Hold the tray with both hands, lift the front slightly and pull it completely out of the printer.

Note

Place the tray on a flat surface.

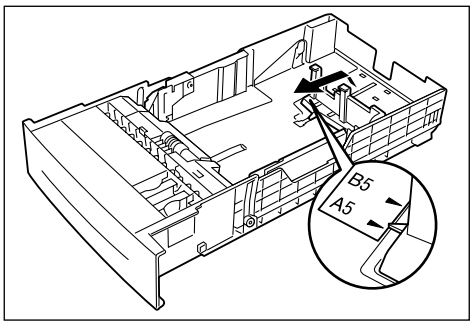


3 Move the side paper guides to their outermost positions.



4 Gently lift the end paper guide to move it, and insert the pins at the bottom of the guide in the holes (indicated by the ► mark) corresponding to the paper size that you want to load.

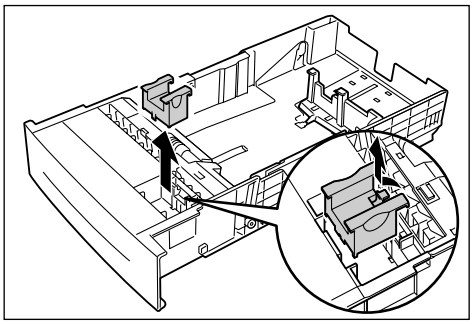
Make sure that the end guide is properly inserted into the holes for the paper size.



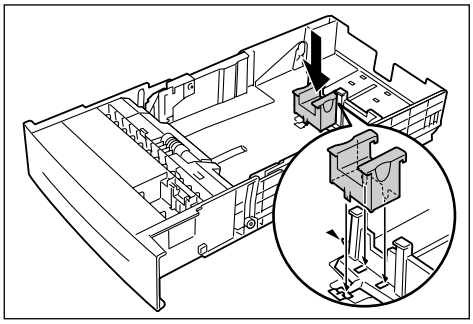
LOOK

Only a small amount of movement of the end paper guide can make automatic paper size detection impossible. If this occurs, move the end paper guide all the way to its outermost position again, then realign it with the appropriate paper size mark.

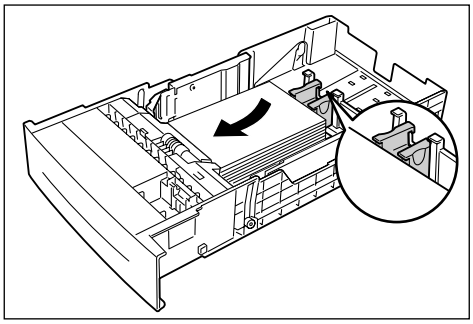
5 Grip the A5 spacer, gently lift it up while pulling it forward and remove it from the tray.



6 Align the A5 spacer with the paper guide slot and push it down until it clicks.



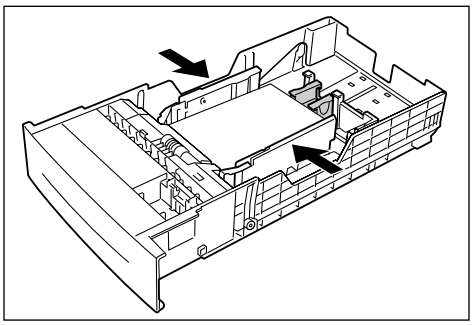
7 Align the four corners of the paper stack and insert the paper (print side up) under the tab.



LOOK

- Do not use paper that is folded, creased, or heavily warped.
- Make sure that all the paper is under the tab.
- Do not overload the paper tray.

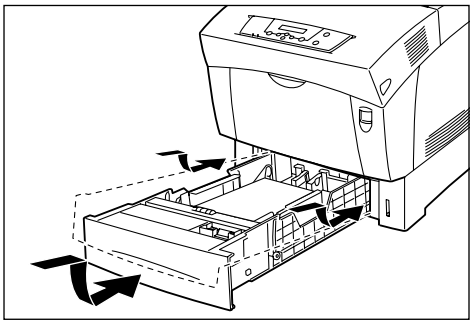
8 Align the side guides with the edges of the paper.



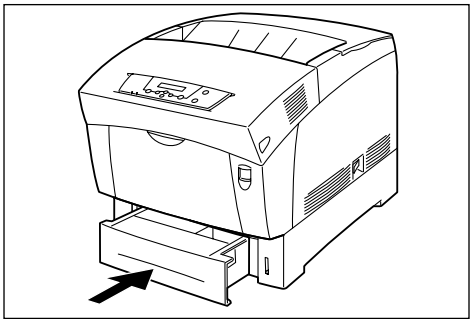
LOOK

Pushing the paper guides too hard against the edges of the paper stack can cause a paper jam. However, if the paper guides are too loose, the paper may twist as it feeds through the printer.

9 Hold the paper tray with both hands, align it with the opening in the printer and gently insert it.



10 Push the paper tray completely back into the printer.

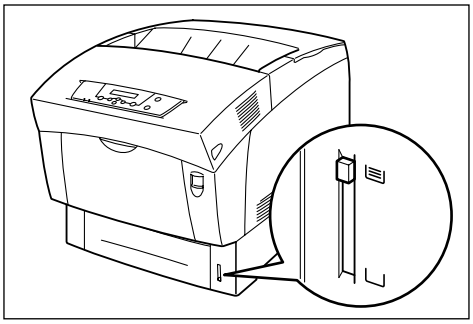


LOOK

Do not use excessive force on the paper tray. Doing so could damage the paper tray or the inside of the printer.

Note

There is an indicator next to the paper tray that tells you how much paper remains in the tray. Use this meter as a guide to refill the paper tray.



Changing From A5 to Another Paper Size

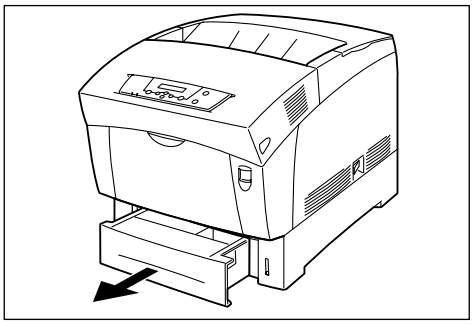
Follow the procedure below to remove the A5 spacer and load a different paper size into the paper tray.

Note

Load paper into the optional 2 tray module the same way.

Procedure

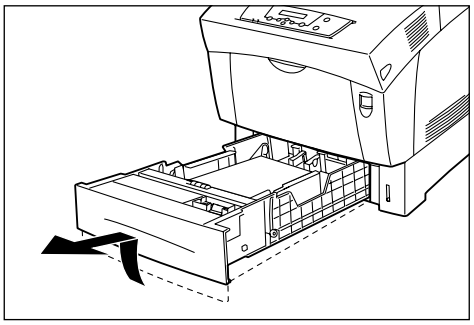
1 Gently pull out the paper tray until it stops.



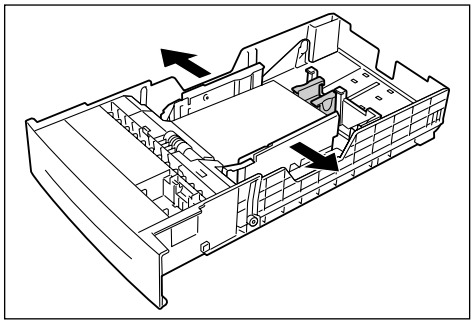
2 Hold the tray with both hands, lift the front slightly and pull it completely out of the printer.

Note

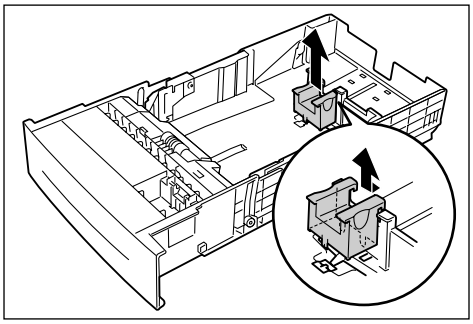
Place the tray on a flat surface.



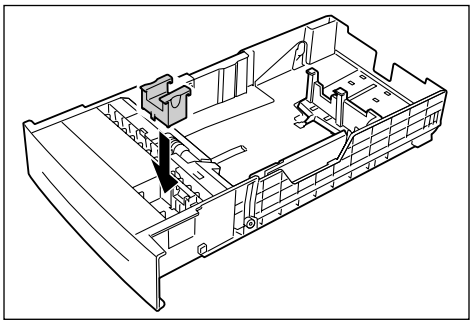
3 Move the side guides to their outermost positions and remove the paper from the tray.



4 Grip the A5 spacer, gently lift it up while pulling it forward and remove it from its position next to the paper guide.

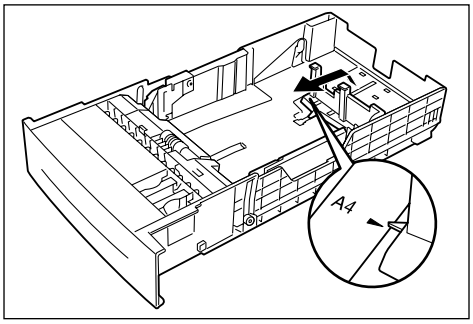


5 Insert the A5 spacer into its storage slot in the paper tray.



6 Gently lift the end paper guide to move it, and insert the pins at the bottom of the guide in the holes (indicated by the ► mark) corresponding to the paper size that you want to load.

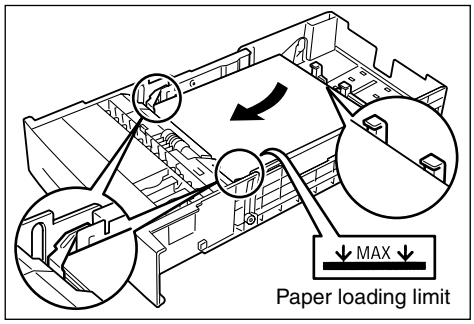
Make sure that the end guide is properly inserted into the holes for the paper size.



LOOK

Even small movement of the end paper guide can make automatic paper size detection impossible. If this occurs, move the end paper guide all the way to its outermost position again, then realign it with the appropriate paper size mark.

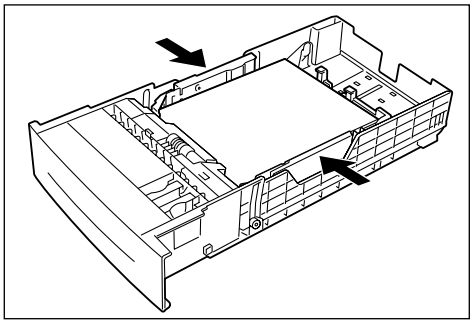
7 Align the four corners of the paper stack and insert the paper (print side up) under the tabs.



LOOK

- Do not use paper that is folded, creased, or heavily warped.
- Make sure that all the paper is under the tabs.
- Do not overload the paper tray.

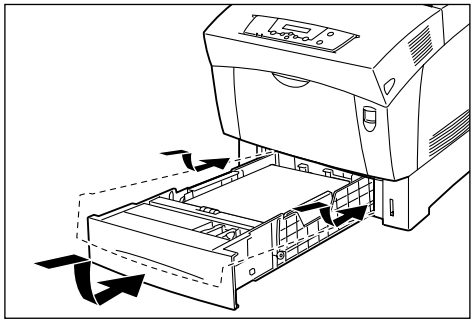
8 Align the side guides with the edges of the paper.



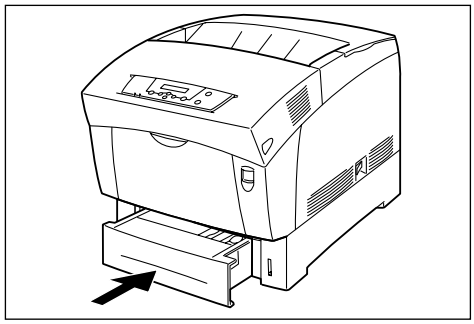
LOOK

- Pushing the paper guides too hard against the edges of the paper stack can cause a paper jam. However, if the paper guides are too loose, the paper may twist as it feeds through the printer.
- Particularly, when setting A4 size paper, set the gradation correctly to A4 so that it is not mistaken for letter size.

9 Hold the paper tray with both hands, align it with the opening in the printer and gently insert it.



10 Push the paper tray completely back into the printer.

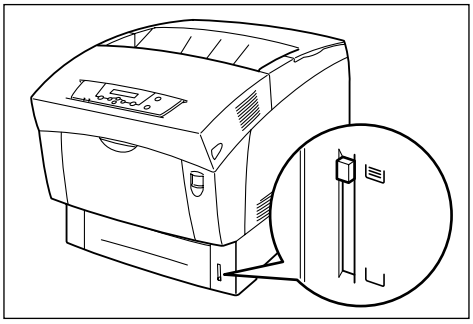


LOOK

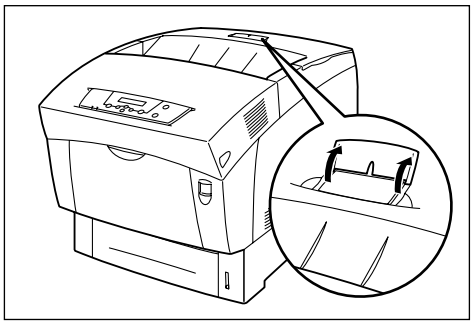
Do not use excessive force on the paper tray. Doing so could damage the paper tray or the inside of the printer.

Note

There is an indicator next to the paper tray that tells you how much paper remains in the tray. Use this meter as a guide to refill the paper tray.



11 When printing A4 or Letter size paper, lift the stopper on the top cover.



4.2.3 Loading Paper in the Bypass Tray

Follow the procedure below to load paper into the bypass tray.

LOOK

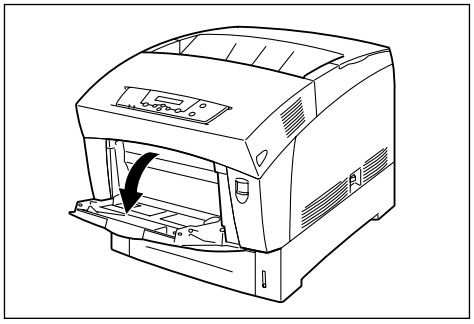
Set a different size of paper at the same time. Do not add new paper while paper remains in the bypass tray. This can be the cause of paper jams.

Procedure

1 If retracted, open the tray.

LOOK

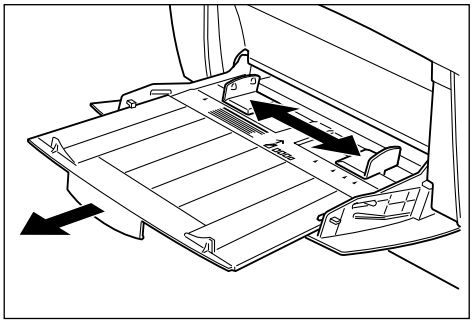
To avoid damage to the tray, do not use excessive force or place heavy objects on the tray.



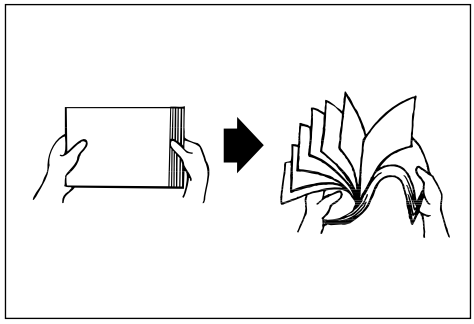
2 Adjust the paper guide to the mark corresponding to the size that you are about to use.

LOOK

When printing on long paper, pull out the tray extension. Printing long paper with the tray extension retracted can cause the paper to spill out of the tray or make feeding impossible.



3 When using media such as transparencies, labels, or envelopes, fan the stack before loading so that there is air between the sheets.



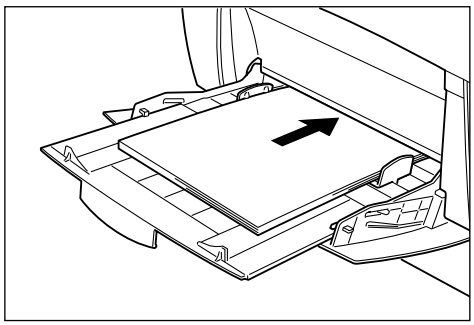
Note

Fanning the stack helps prevent paper jams caused when more than one sheet feeds at the same time.

LOOK

- Do not fan plain paper before loading.
- When paper is poorly cut and the edges are not clean, remove any unsuitable sheets before loading the paper.

4 Align the four corners of the paper stack and insert it (print side down) until it lightly touches the feeding slot.

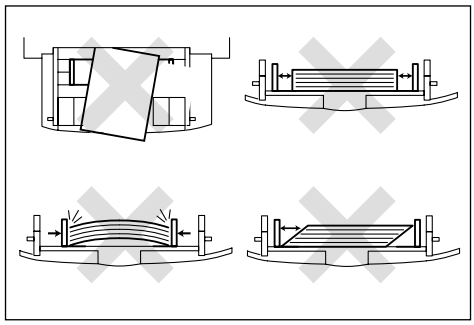


LOOK

- Do not use paper that is folded, creased, or heavily warped.
- Do not overload the paper tray.
- When printing on sheets longer than Legal paper (355.6 mm), load the sheets one by one. Moisture can cause the sheets to stick together, causing more than one sheet go through at one time, which can result in malfunction or damage. When feeding long paper, support the sheet with your hands to ensure proper feeding.

5 When loading paper, carefully align the paper guides with the edges of the paper so that there is a small gap between the paper stack and the guides.

Pushing the paper guides too hard against the edge of the paper stack can warp the paper and cause paper jams. Load the paper so that it is straight in the tray.



LOOK

If the paper is not loaded correctly, the printing position may shift and cause incorrect printing.

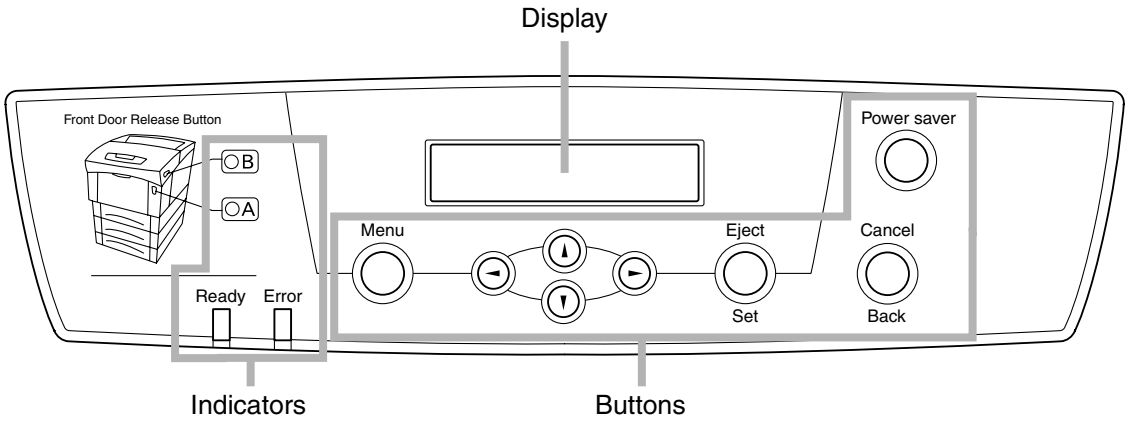
Chapter 5

Control Panel

5.1 Control Panel Part Names and Functions 110
5.2 Basic Menu Operation 113
5.3 List of Menu Items 117

5.1 Control Panel Part Names and Functions

The control panel consists of indicators, a display, and buttons. This section describes the names and functions of the control panel's parts.



5.1.1 LED Indicators

The LED indicators are on, blinking, or off to indicate the status of the printer.

Name	Explanation
Ready indicator	Green: On: Printing is possible. Also, this lights when the printer is not receiving print data while processing the print job. Blinking: The printer is receiving print data. Off: Printing is not possible.
Error indicator	Red: On: Indicates an error. Indicates a paper jam or other problem that the user can rectify. Blinking: There is a problem that the user cannot rectify. Contact your Fuji Xerox or dealers. Off: The printer is functioning normally.
A indicator B indicator	Indicates what buttons to press to open the front door to clear paper jams. On: Press the button indicated and open the front door. Off: The printer is functioning normally.

5.1.2 Display

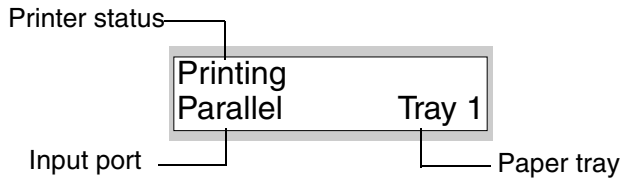
Displays printer status (print screen) and menus for configuring the printer (menu screen).

Note

The items displayed differ depending on printer settings and installed options.

Print Screen

When the printer is waiting for data or printing, this screen is displayed. The contents of the print screen are as follows.



Name	Explanation
Printer status	Shows the printer status. Example: "Please Wait...", "Printing", "Ready to Print".
Input port	Shows the port through which the printer is receiving data. Example: "Parallel", "USB", "LPD", "NetWare".
Paper tray	Shows the paper tray in use. Example: "Tray 1", "Tray 2", "Tray 3", "Bypass".

Menu Screen

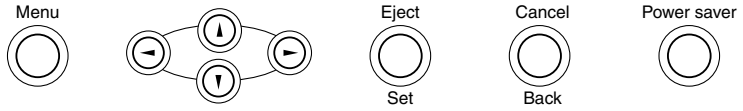
Use this screen to configure the printer.
The menu screen appears when you press the Menu button. The first screen displayed contains the following:

See

For details about the menu screen, refer to "5.2 Basic Menu Operation".

5.1.3 Buttons

There are eight buttons on the control panel.
Their functions depend on the screen displayed. The functions are as follows:



Name	Print screen	Menu screen
Menu button	Switches to the menu screen.	Closes the menu screen and switches to the print screen.
▼ ▲ buttons	-	Allows you to scroll through menus and menu items.
◀ ▶ buttons	-	Switches to different menu levels and moves the cursor between parameters. Pressing the ▶ button in a menu moves the menu one level down. Pressing the ◀ button moves the menu one level up.
Set/Eject button	Forces the remaining print data to be output. For details about this function, refer to "6.9 Forcing the Printer to Print Remaining Data (When Printing is Halted)"	Selects menus and menu items. Moves the menu one level down when a menu is selected. Sets a parameter when one is displayed.
Cancel/Back button	Cancels printing. For details about this function, refer to "3.5 Canceling Printing".	Moves the displayed menu one level up.
Power saver button	Releases the printer from power saver mode 2.	-

5.2 Basic Menu Operation

This section describes how to use the menu screen to set the power saver modes, job timeout, network settings, and printer configuration.

5.2.1 Configuration of Basic Menu and Basic Operations

The menu screen contains the following main menus.

See
For details about individual menu screens, refer to "5.3 List of Menu Items".

Menu	Content
1: System	Used to configure the power saver modes, job log settings, and basic printer operation.
2: Maintenance	Use this to initialize the NV memory or adjust plain paper quality settings. You can also make security settings to restrict access to certain menus.
3: Parallel	Use this to configure the parallel interface.
4: Report/List	Use this menu to print the Printer Settings, Panel Settings, PCL6 Fonts List, and Job History Report.
5: Network	Use this to make network settings.
6: PDF Bridge	Settings related to the PDF Direct Printing Function

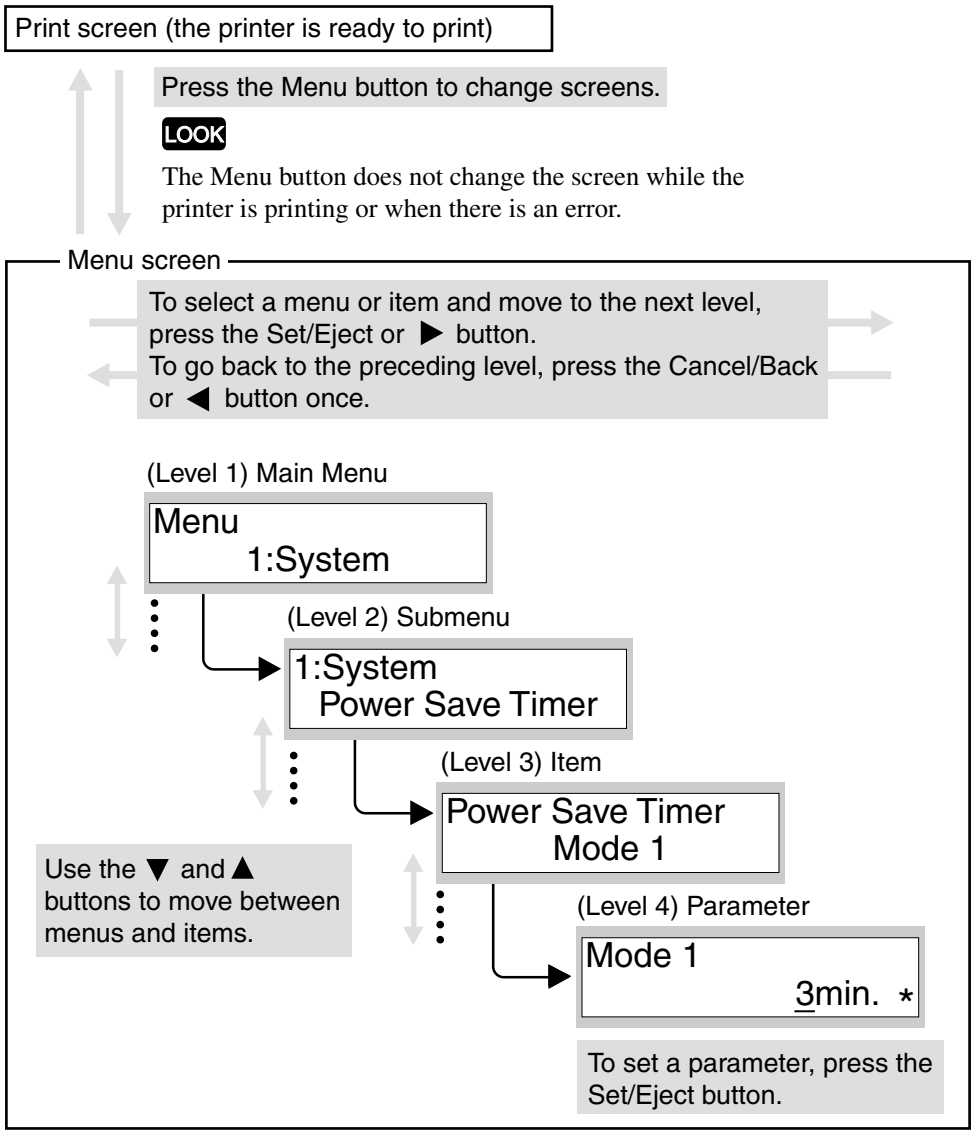
Please note that each menu has several levels. Configure the printer by selecting the different levels and setting the items therein.

Example of Menu Levels and Basic Operations

To configure the printer, press the buttons described below to display and change the level of individual menus.

See

For the general operational procedure, refer to "5.2.3 Example Operation".


Print screen (the printer is ready to print)
Press the Menu button to change screens.
LOOK
The Menu button does not change the screen while the printer is printing or when there is an error.
Menu screen
To select a menu or item and move to the next level, press the Set/Eject or ▶ button.
To go back to the preceding level, press the Cancel/Back or ◀ button once.
(Level 1) Main Menu
Menu
1:System
(Level 2) Submenu
1:System
Power Save Timer
(Level 3) Item
Power Save Timer
Mode 1
(Level 4) Parameter
Mode 1
3min. *
Use the ▼ and ▲ buttons to move between menus and items.
To set a parameter, press the Set/Eject button.

LOOK

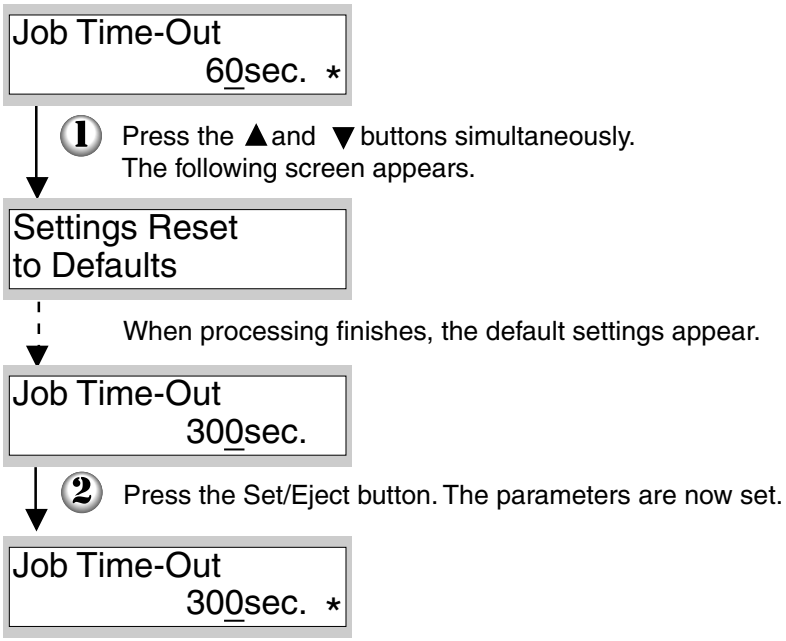
Pressing the Cancel/Back or ◀ button returns you to the preceding menu or item. Once you set a parameter with the Set/Eject button ("*" appears next to the set parameter), you cannot return to the original settings even if you press the Cancel/Back or ◀ button.

Note

Some menus only have three levels. (They do not contain items.)

Resetting the Printer (to defaults)

Press the ▲ and ▼ buttons simultaneously.



5.2.2 What to Do if You Make a Mistake

Perform the appropriate operation below if you accidentally push a wrong button while using the control panel.

You accidentally pressed the Set/Eject button, but you want to return to the preceding screen.

Press the Cancel/Back or ◀ button.

You accidentally pressed the ▼ button, but you want to return to the preceding screen.

Press the ▲ button.

You made a mistake and cannot display the preceding screen.

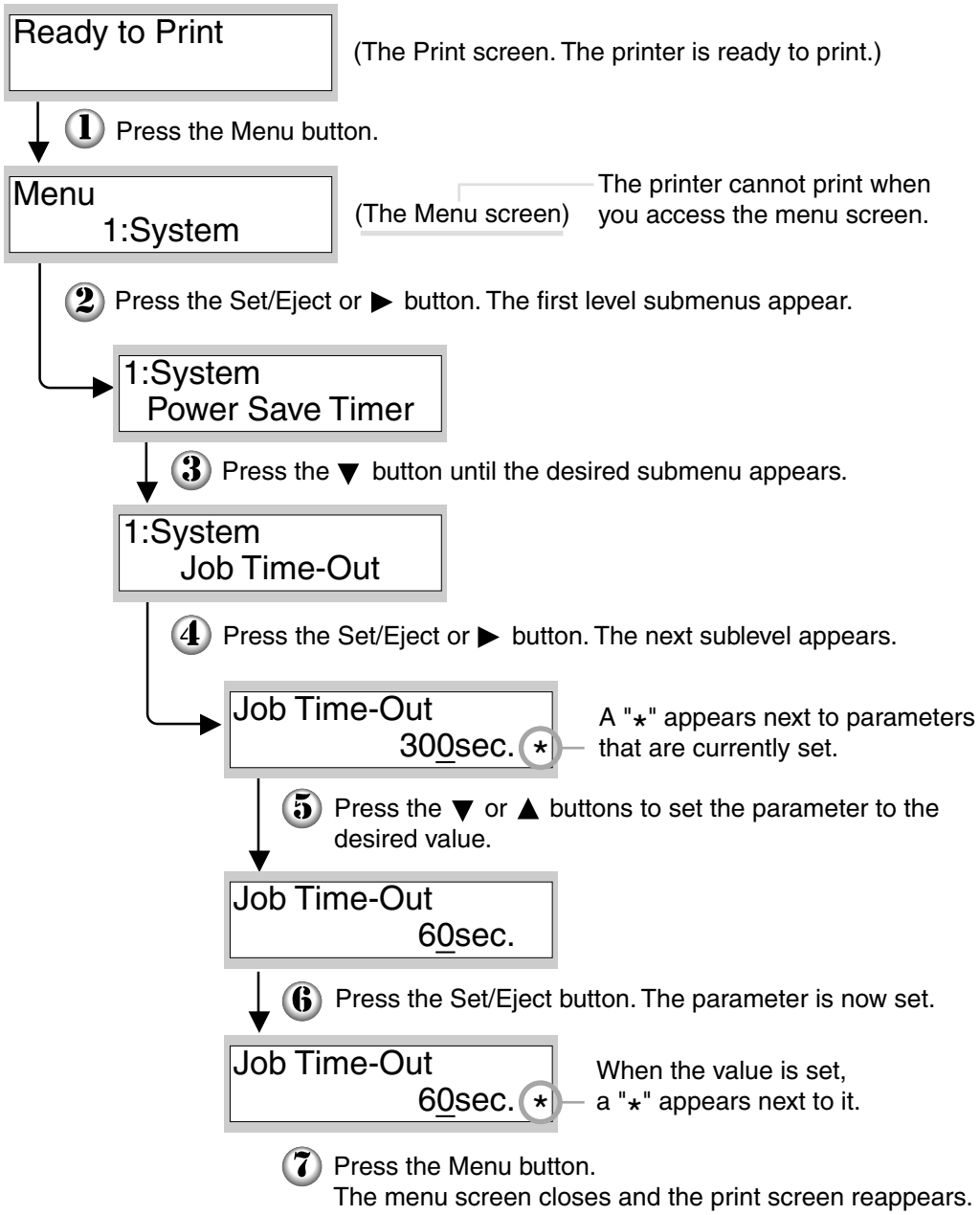
Press the Menu button and remake the settings.

You accidentally pressed the Set/Eject button and set the wrong parameter.

When the parameter is set, "*" appears next to it.
When "*" appears next to a parameter, pressing the Cancel/Back or ◀ button does not return to the preceding screen. Remake that particular setting.

5.2.3 Example Operation

To illustrate operation, this section describes the necessary procedure to set "Job Time-Out" to "60 sec." on the "1:System" menu.


Ready to Print
(The Print screen. The printer is ready to print.)
1 Press the Menu button.
Menu
1:System
(The Menu screen)
The printer cannot print when you access the menu screen.
2 Press the Set/Eject or ▶ button. The first level submenus appear.
1:System
Power Save Timer
3 Press the ▼ button until the desired submenu appears.
1:System
Job Time-Out
4 Press the Set/Eject or ▶ button. The next sublevel appears.
Job Time-Out
300sec. *
A "*" appears next to parameters that are currently set.
5 Press the ▼ or ▲ buttons to set the parameter to the desired value.
Job Time-Out
60sec.
6 Press the Set/Eject button. The parameter is now set.
Job Time-Out
60sec. *
When the value is set, a "*" appears next to it.
7 Press the Menu button.
The menu screen closes and the print screen reappears.

5.3 List of Menu Items

The section describes the various modifiable items of each main menu.

LOOK

It is possible to set some items of the menu screens from your computer when you print. If the computer settings differ from those on the printer, the computer settings take precedence.

Note

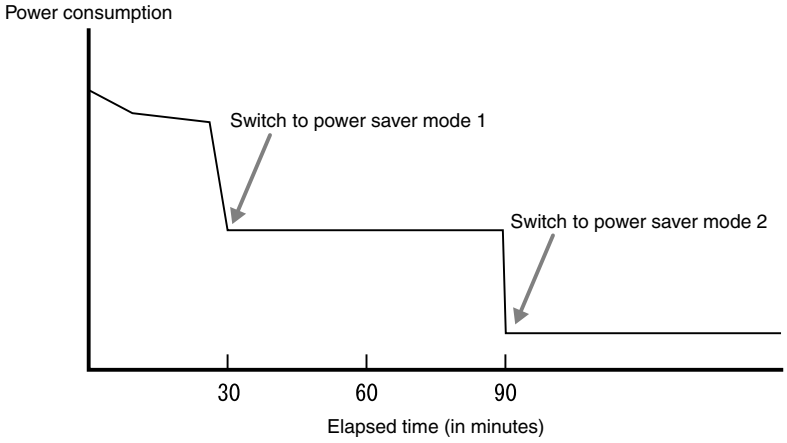
Default refers to the factory settings of the printer.

5.3.1 System

Used to configure the power saver modes, job log settings, and basic printer operation.

Power Save Timer

The power saver mode is a function that reduces the electricity consumption of the printer when it is idle. The power saver mode has two modes. Power saver mode 1 partially reduces the power consumption of certain parts of the printer. Power saver mode 2 reduces consumption even more by turning off specific parts of the printer completely.
When the printer is in power saver mode 1, "Ready/Standby" appears on the display. When in this state, the printer takes slightly more time than usual to start printing when it receives data.
When the printer is in power saver mode 2, the Power saver button is lit. When the printer receives data while in this state, it takes more time than in power saver mode 1 for the printer to begin printing.
The following offers an example of the possible delays before the printer goes into each power saver mode.
Example: "Power Save Timer Mode 1" is set to 30 minutes. "Power Save Timer Mode 2" is set to 60 minutes.



Note

If the "Power Saver Mode" is set to "Disabled", the printer does not go into that power saver mode.

Note

The table below describes the situations when the printer is released from the power saver modes. By default, "Power Saver Mode 2" is "Disabled". The printer does not switch to power saver mode 2 unless you set it to do so.
When an optional network expansion card is installed, the printer will not switch to power saver mode 2.

Release from power saver mode 1	Release from power saver mode 2 (When the optional network expansion card is not installed)

• When receiving print data.
• When printing a report or list with "4: Report/List".
• When the menu screen is quit
	• When pressing the Power saver button on the control panel.
	• When receiving print data via the network.
	• When accessing the printer via the network.
	  • When accessing the printer via the network utility.
	  • When searching for the printer with CentreWare Internet Services.
	  • When accessing the printer with CentreWare Simple Status Notification.
	  • When the computer accesses the printer via the network.

- Mode 1 (default: 3 minutes)

  Set a time between 1 and 120 minutes. The printer automatically goes into power saver mode 1 when it is idle for the duration set here.

- Mode 2 (default: 5 minutes)

  Set a time between 5 and 120 minutes. The printer automatically goes into power saver mode 2 after being in power saver mode 1 for the duration set here.

LOOK

"Mode 2" is not displayed when an optional network expansion card is installed.

Power Saver

Set this for each mode to determine if the printer goes into power saver mode. The printer does not go into power saver mode when it is "Disabled".

- Mode 1 (default: Enabled)
- Mode 2 (default: Disabled)

LOOK

"Mode 2" is not displayed when an optional network expansion card is installed.

Error Alarm

This allows you to set if the printer sounds an alarm or not when an error occurs.

- No

  "No" means that the printer does not sound an alarm when an error occurs.

- Yes (default)

  "Yes" means that the printer sounds an alarm when an error occurs.

Note

It is not possible to adjust the volume of the alarm.

Job Time-Out

The job timeout function causes the printer to stop processing print data when it takes more than a certain set time.
When a job timeout occurs, the printer only prints the data it received up to the timeout.

Note

When printing from Windows, if the job timeout settings differ from the printer driver settings, the printer driver settings take priority. The printer driver is set to Off as the default setting. Also, when using the direct print function to print a PDF file, job timeout processing does not occur.

- 5 to 300 seconds (default: 300 seconds)

  Set the job timeout between 5 and 300 seconds.

- Off

  Deactivates the job timeout function.

Auto Log Print

Set this to print logs automatically.

LOOK

This item cannot be set during printing.

Note

You can also print the logs using "4:Reports/List" menu.

- No (default)

  The printer does not print logs automatically.

- Yes

  The printer automatically prints a log after 22 print jobs.

ID Print

Use this to print the user ID in a particular location.

- Off (default)
- Top Left
- Top Right
- Bottom Left
- Bottom Right

Text Print

Set this for the printer to print data other than the supported PDL data as text.

Note

Text data is printed on A4 paper. Set the A4 paper lengthwise into the paper tray.

- Yes

  The data is printed as text.
- No (default)

  Data is not printed as text.

5.3.2 Maintenance

Use this to initialize the NV memory or adjust plain paper quality settings. You can also make security settings to restrict access to certain menus.

Init NVM

Initialize the memory card's non-volatile memory.
The non-volatile memory stores configuration data, even when the printer is off.

LOOK

This item cannot be set during printing.

- Yes

  Initialize the memory card's non-volatile memory. Initializing the NV memory restores all the items of the control panel menus to their defaults.

  LOOK

  You must restart the printer for this setting to take effect. After configuring items, be sure to restart the printer.

- No

  Does not initialize the NV memory and returns to the menu.

Security

When necessary, you can set a password to limit access to menus. This helps prevent items from being changed accidentally.

- Panel Lock (default: No)

  Select "Yes" to set a password.

- Change Password

  Set a four-digit password.
  By default the password is "0000".

Note

If you forget the password, select "Yes" in "Init NVM" in "2:Maintenance", and then press the ▲ and ▼ and Set/Eject buttons simultaneously. This resets the password to the default.

Paper Density

Use this to adjust the paper quality settings.

- Plain Paper 1 (default: Light 60–75g/m2)

  Set plain paper 1 to "Light 60–75g/m2" or "Heavy 65–80g/m2".

- Plain Paper 2 (default: Light 76–99g/m2)

  Set plain paper 2 to "Light 76–99g/m2" or "Heavy85–105g/m2".

ColorRegiCorrect

Use this to print the color registration adjustment chart. After setting up or moving the printer, print the Color Registration Correction Chart and adjust the color registration to ensure that colors are correctly aligned when printed.

Note

The Color Registration Correction Chart is printed on A4 paper. Set the A4 paper lengthwise into the paper tray.

See

For details about this operation, refer to "1.1 Adjusting Color Registration".

5.3.3 Parallel

Use this to configure the parallel interface.

ECP

Use this to configure the ECP communication mode of the parallel interface.

- Enabled (default)

  The printer receives data in ECP mode.

- Disabled

  The printer does not receive data in ECP mode.

5.3.4 Report/List

Use this to print the various reports and lists.

Note

Reports and lists are printed on A4 paper. Set the A4 paper lengthwise into the paper tray.

Printer Settings

This is a list of the hardware installed and detailed configuration.

See

For an example of the Printer Settings, refer to "8.4.1 Confirming Printer Configuration and Network Settings".

Panel Settings

This is a detailed list of all the settings in the control panel menus.

PCL6 Fonts List

This is a list of the available PCL6 data fonts.

Job History

This is a detailed list of the processed print jobs (maximum 22). Use this list to confirm that jobs were printed correctly.

See

For an example of the Job History Report, refer to "8.4.2 Checking the Print Log".

5.3.5 Network

Use this to make network settings. Some network settings are only displayed when an optional network expansion card is installed.

LOOK

- It is not possible to set items in this menu while printing.
- You must restart the printer for this setting to take effect. After configuring items, be sure to restart the printer.

Ethernet

Use this to set Ethernet communication speed and mode.

- Auto (default)

  10Base-T Half, 10Base-T Full, 100Base-TX Half, or 100Base-TX Full is selected automatically.
- 10Base/Half
- 10Base/Full
- 100Base/Half
- 100Base/Full

TCP/IP

Use this to make TCP/IP settings. This menu contains the following:

- IP Address Setup

  Select the how to obtain an IP address. Parameters are as follows:

  DHCP (default)

  The IP address is obtained from a DHCP server on the network.

  Panel

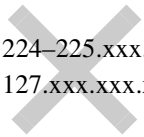
  Use this to set the IP address from the control panel.

- IP Address

  Use this to set the IP address.

  aaa.bbb.ccc.ddd

  Set aaa, bbb, ccc, and ddd between 0 and 255.
  You cannot use the following:

  224–225.xxx.xxx.xxx
  127.xxx.xxx.xxx

  LOOK

  - The IP address cannot be set when DHCP is set in the "IP Address Setup". To set, set the "IP Address Setup" to "Panel".
  - IP addresses are managed throughout the system as a whole. Specifying the wrong IP address can affect the entire network. Before setting an IP address, consult your system administrator.

- Subnet Mask

  Use this to set the subnet mask address.

  aaa.bbb.ccc.ddd

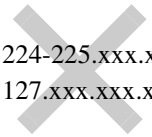
  Use 0,128, 192, 224, 240, 248, 252, 254, or 255 for aaa, bbb, ccc, and ddd.

- Gateway Address

  Use this to set the gateway address.

  aaa.bbb.ccc.ddd

  Set aaa, bbb, ccc, and ddd between 0 and 255.
  You cannot use the following:

  224-225.xxx.xxx.xxx
  127.xxx.xxx.xxx

IPX Frame Type

Set a frame type when you use the printer in an IPX/SPX (NetWare) environment.

LOOK

This menu is only appears when an optional network expansion card is installed.

- Auto (default)

  Sets the frame type automatically.

- 802.3

  Set this to use IEEE 802.3 frame type.

- 802.2

  Set this to use IEEE 802.3/802.2 frame types.

- SNAP

  Set this to use IEEE 802.3/802.2/SNAP frame types.

- Ethernet-II

  Set this to use Ethernet-II frame type.

Protocol

Set "Enabled" or "Disabled" for each item activate or deactivate them.

Note

The items below marked with a "*" are only displayed when an optional network expansion card is installed.

- LPD (default: Enabled)

  When using TCP/IP, set "LDP" to "Enabled" to print with LPD (LPR) or to "Disabled" if you do not want to use this feature.

- Port9100 (default: Enabled)

  When using TCP/IP, set "Port9100" to "Enabled" to print with port 9100 (Raw Data Socket) or to "Disabled" if you do not want to use this feature.

- IPP (default: Enabled)

  When using TCP/IP, set "IPP" to "Enabled" to print with IPP (Internet Printing Protocol) or to "Disabled" if you do not want to use this feature. Available with Windows 2000, Windows XP, and Windows Me.

- SMB TCP/IP (default: Enabled)*

  When using SMB (Windows network) with TCP/IP as the transport protocol, set "SMB TCP/IP" to "Enabled" to print using SMB or to "Disabled" if you do not want to use this feature.

- SMB NetBEUI (default: Enabled)*

  When using SMB (Windows network) with NetBEUI as the transport protocol, set "SMB NetBEUI" to "Enabled" to print using SMB or to "Disabled" if you do not want to use this feature.

- NetWare (default: Enabled)*

  "NetWare" to "Enabled" to print in a NetWare system or to "Disabled" if you do not want to use this feature.

- FTP (default: Disabled)

  When using TCP/IP, set "FTP" to "Enabled" to print with FTP (File Transfer Protocol) or to "Disabled" if you do not want to use this feature.

- SNMP UDP/IP (default: Enabled)

  When using TCP/IP, set "SNMP UPD/IP" to "Enabled" to use the SNMP Agent function or to "Disabled" if you do not want to use this feature.

- SNMP IPX (default: Enabled)*

  In a NetWare environment, set "SNMP IPX" to "Enabled" to use the SNMP Agent function or to "Disabled" if you do not want to use this feature.

- Status Messenger (default: Disabled)

  When using TCP/IP, set "Status Messenger" to "Enabled" to use the printer's e-mail management function through an SMPT/POP3 server or to "Disabled" if you do not want to use this feature.

- E-Mail Printing (default: Disabled)

  Select "Enabled" if you will use e-mail printing through an SMTP/POP server in a TCP/IP system; otherwise, select "Disabled".

- Internet Services (default: Enabled)

  Set to "Enabled" to use CentreWare Internet Services or to "Disabled" if you do not want to use this feature.

IP Filter

Use this to block the reception of data from certain locations.
To block a particular IP address, specify the IP address in "Filter X Address" (X is a number between 1 and 5) and the subnet mask in "Filter X Mask" as numbers between 0 and 255. For the set address, select "Off" (default), "Reject", or "Accept" from "Filter X Mode".
You can filter up to 5 addresses. "Filter 1" takes priority over the other filters. Therefore, when setting filters for a number of addresses, assign the addresses in ascending ranges from "Filter 1" to "Filter 5".

- You can also perform IP filter settings with CentreWare Internet Services and Network Utilities. For a detailed example of these settings, refer to the Network Print Environment User Guide on the provided CD-ROM.
- For more information about CentreWare Internet Services, refer to "8.5 Confirming Printer Status from Your Computer".

- Filter 1
- Filter 2
- Filter 3
- Filter 4
- Filter 5

Init NVM

This initializes the non-volatile memory of the network card.
The non-volatile memory stores configuration data, even when the printer is off.

LOOK

This item cannot be set during printing.

- Yes

  Initialize the memory card's non-volatile memory. Initializing the NV memory restores the items of the "5:Network" menu to their defaults.

  LOOK

  You must restart the printer for this setting to take effect. After configuring items, be sure to restart the printer.

- No

  Does not initialize the NV memory and returns to the menu.

5.3.6 PDF Bridge

This is used to make settings related to the PDF DirectPrint function. The PDF DirectPrint function sends PDF files directly to the printer without going through the printer driver.
This setting is enabled when printing PDF files without using our utility "Contents Bridge".

Duplex Print

Set for two-sided printing.

- No Duplex (default)

  No two-sided printing

- Bind Long Edge

  Prints in duplex to be read in the correct direction when paper is bound lengthwise.

- Bind Short Edge

  Prints in duplex to be read in the correct direction when paper is bound widthwise.

No. of Sets

Set the number of copies to print from 1 to 999. (default: 1)

Collate

Sets whether to print multiple copies of a document sorting for each group (1,2,3...1,2,3...).

- No (default)
- Yes

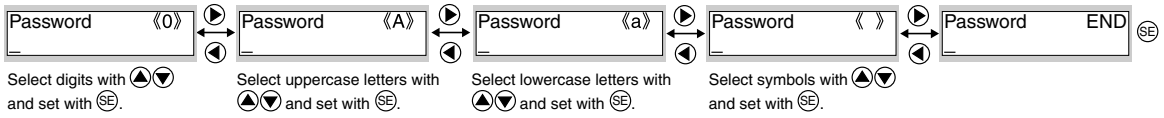
Skip Blank Pages

Sets whether or not to control to not print blank pages.

- Off (default)
- On

Password

When a password has been set for the PDF file, that password is specified in advance. Printing is possible only when the PDF file to be printed and the password set here match.
The password input screen has the following hierarchy. Set while moving through the hierarchy according to the characters to input.


Password 《0》
Password 《A》
Password 《a》
Password 《 》
Password END
Select digits with ▲▼ and set with SE.
Select uppercase letters with ▲▼ and set with SE.
Select lowercase letters with ▲▼ and set with SE.
Select symbols with ▲▼ and set with SE.

■Flow of settings

① Move through the hierarchy corresponding to the first letter of the password using the ◀ ▶ buttons.
② Use the ▼ ▲ buttons to display the character to input, then press the Set/Eject button. The letter you select is displayed at the bottom row and one letter is fixed.
③ Repeat steps 1 and 2 to input the entire password.
④ Use the ▶ button to move to the End screen, then press the Set/Eject button. The password you input is displayed as "**********" and is fixed.

Print Mode

Set the paper size to output and the printing method.

- Fix Size (default)

  Pages are printed on A4 paper. If the PDF file to print is other than A4 size, it automatically zooms in or out to align with the size of the paper.

- Auto

  This automatically determines either A4 or letter size according to the size of the PDF file to print, and prints the file. However, if letter size paper is not set in the paper tray, it will print to A4 size paper.

- Catalog

  Re-organizes pages so that the print results will be cataloged according to the organization of the pages of the PDF file to print, and prints the file. However, there are some cases in which printing a catalog is not possible because of the organization of the pages. In such cases, it prints with Auto.

  LOOK

  Prints in duplex on A4 size paper in Catalog. When doing so, "Duplex Print" and "Skip Blank Pages" settings are not available.

Quality

Sets the type of image quality.

- Fast Mode (default)

  Prints faster.

- Quality Mode

  Printing speed slows down, but image quality increases.

Output Color

Specifies whether documents are to be printed in color or in black and white.

- Auto (default)

  Document content is checked automatically page by page. Color printing is used if any color other than black or white is present, while black and white printing is used if there are no other colors.

- Black/White

  Documents are printed in black and white.

Chapter 6

Troubleshooting

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6.1 Type of Problems

When your printer suffers from a problem, refer to the categories below to determine the cause of the problem and the action needed to rectify it.
Fix the problem by following the corresponding procedure. Refer to this chapter even if you think you cannot fix a problem when one occurs. There are several types of potential problem that you can rectify.

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If a problem occurs that is not included in these categories or if you cannot rectify the problem using the prescribed procedures, switch off the printer, disconnect the power cord from the AC outlet, and contact your Fuji Xerox or dealers for assistance.

⚠WARNING

Do not try to alter the machine configuration, or modify any parts. An unauthorized modification can cause smoke or fire.

⚠CAUTION

Be sure to switch off and unplug the machine before accessing the interior of the machine for cleaning, maintenance, or fault clearance. Access to a live machine's interior can cause electric shocks.

6.2 No Power

Symptom	Possible Cause	Action
No power	Is the printer off?	Press the "I" on the power switch to switch on the printer. See "3.2.1 Switching On the Power"
	Is the power cord loose or disconnected?	Switch off the printer and connect the power cord properly. Switch on the printer again.
	Is the printer connected to a properly rated 220 to 240 V outlet?	Connect the printer to a 220 to 240 AC outlet. Do not connect any other equipment to the outlet. Do not connect the printer to an auxiliary power outlet on the rear of a computer.
The printer frequently turns off	The printer is defective.	Switch off the printer immediately, disconnect the power cord from the outlet, and contact your Fuji Xerox or dealers.
	Is the power cord loose or disconnected?	Switch off the printer and connect the power cord properly. Switch on the printer again.

6.3 The Printer Does not Print

6.3.1 Indicators are Illuminated, Blinking or Off

Symptom	Possible Cause	Action
The Error indicator is on	Is there an error message on the control panel display?	Check the message and rectify the error accordingly. See "6.7 When an Error Message Appears on the Control Panel"
The Error indicator is blinking	A problem that the user cannot rectify has occurred.	Note the error code on the display, switch off the printer immediately, disconnect the power cord from the outlet, and contact your Fuji Xerox or dealers.
The Ready indicator is off	Is the control panel display on the menu screen?	Press the Menu button on the control panel to go back to the print screen. See "5.1.3 Buttons"
The Ready indicator does not blink or light when you try to print	Is the parallel, USB, or Ethernet interface cable loose or disconnected?	Switch off the printer and check the interface cable. If necessary, reconnect. See Setup Guide
	Is the optional network expansion card loose or disconnected?	Switch off the printer and reinstall the network expansion card into the printer. See Setup Guide

Condition	Verification	Solution
(Continued from previous page) The Ready indicator does not blink or light when you try to print	Does the parallel, USB, or Ethernet interface cable meet the required printer specifications?	Use only the recommended parallel interface cables for the printer. 10Base-T and 100Base-TX Ethernet interface cables are compatible with the printer. Use twisted pair cables suitable for network connections. A Category 5 100Base-TX is required.
	Is the computer configured correctly?	Check the following settings on your computer and reconfigure any that are not correct. • Make sure that the appropriate printer driver for your operating system is installed. • Make sure that the port is set correctly in the printer driver. See "Chapter 2 Installing the Printer Driver"
	Is the printer IP address correct? (When using TCP/IP.)	Consult your system administrator to obtain a valid IP address. Use the Printer Settings list to confirm the IP address. See • "8.4.1 Confirming Printer Configuration and Network Settings". • "1.2.3 Setting the IP Address".

Condition	Verification	Solution
(Continued from previous page) The Ready indicator does not blink or light when you try to print	Is the printer properly configured for use through a network? (When on a network.)	Print the Printer Settings list to check the network settings. Correct any inappropriate settings. See • "8.4.1 Confirming Printer Configuration and Network Settings" • "1.2 Configuring the Printer" • Network Print Environment User Guide
	The network has a problem. (When on a network).	Check that the printer is on and execute the print command from the computer one more time. If the problem persists, consult your system administrator.
	Is the printer off?	Press the "I" on the power switch to switch on the printer. See "3.2.1 Switching On the Power"
The Ready indicator is on or blinking, but paper is not output	Data may still remain inside the printer.	Select to abort the print job or forcibly output the remaining data. See • "3.5.2 Canceling Printing at the Control Panel" • "6.9 Forcing the Printer to Print Remaining Data (When Printing is Halted)"

6.3.2 Cannot Print in Windows

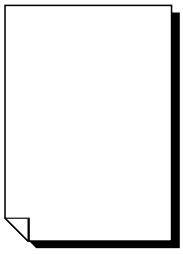
Symptom	Verification	Action
The printer does not print	Does "Pause Printing" appear in the printer window?	When printing stops because of an error, the printer sometimes switches to the Pause Printing state. Follow the procedure below to release the printer from the Pause Printing state. 1) On the Start menu, point to Settings and click Printers. 2) Double-click the appropriate printer. 3) In the printer window, click the Printer menu. 4) On the Printer menu, if Pause Printing is selected, click it to release.
	Is the printer off?	Press the "I" on the power switch to switch on the printer. See "3.2.1 Switching On the Power"
	Is the parallel, USB, or Ethernet interface cable loose or disconnected?	Switch off the printer and check the interface cable. If necessary, reconnect. See Setup Guide
	Is the optional network expansion card loose or disconnected?	Switch off the printer and reinstall the network expansion card into the printer. See Setup Guide

Condition	Verification	Solution
Cannot print with TCP/IP	Is the printer IP address set correctly? (When using TCP/IP.)	The IP address might be different. Ask your system administrator for the correct settings. Use the Printer Settings list to confirm the current IP address. See • "8.4.1 Confirming Printer Configuration and Network Settings". • "1.2.3 Setting the IP Address".
	Is the IP Filter set?	Consult your system administrator to whether the IP Filter is set or not.
Cannot print with the TCP/IP Direct Print Utility	Is the spool option deselected on the Details tab of the printer icon's Properties dialog box, so that print data is sent directly to the printer? (Windows 95)	Enable print job spooling in the Details tab.
	Does Printer Error appear in the status column of the printer window?	If printing is not possible using the TCP/IP Direct Print Utility, refer to the Network Print Environment User Guide and follow the prescribed procedure. See Network Print Environment User Guide
Cannot print in an SMB environment (When a network expansion card is installed)	Does the computer display a message indicating that there is insufficient space on the server?	This message appears when there are several simultaneous print requests or when the printer is printing a job sent with another protocol when you make the request. Before sending a print job, open the printer window and check that the queue is empty.

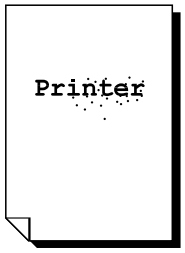
Condition	Verification	Solution
(Continued from previous page) Cannot print in an SMB environment (When a network expansion card is installed)	Does the message Write Error appear on the computer screen?	This message appears when the maximum number of permissible connections on the Windows network is exceeded. Before sending a print job, open the printer window and check that the queue is empty.
Cannot print in a NetWare environment (When a network expansion card installed)	Do hubs or other network equipment support automatic frame type setting?	Check that the data link indicator of the printer connection port on the network equipment is on. If the indicator is off, set the same frame type on the control panel as the one used by the NetWare file server. See "5.3 List of Menu Items"
	Is the NetWare file server or print server running? (In remote printer mode.)	Start the NetWare file server or print server. (In remote printer mode.)
	Is the NetWare file server correctly configured for a NetWare environment?	Use Network Utilities and check the network configuration. See Network Print Environment User Guide
An error message appears on the computer screen	A printer error has occurred.	Check the message and rectify the error accordingly.

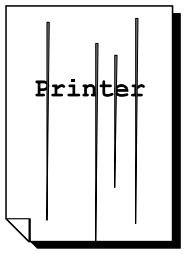
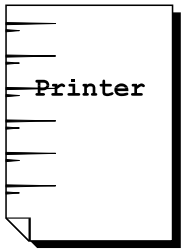
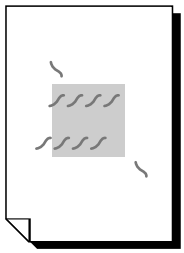
6.4 Print Quality is Not Good

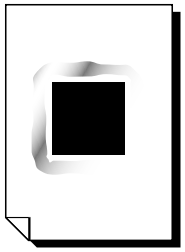
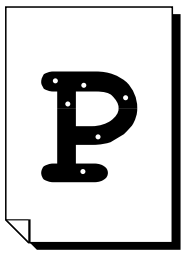
6.4.1 Blank or Completely Black Pages are Output

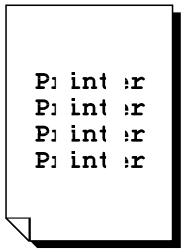
Symptom	Possible Cause	Action
Nothing is printed 	Two or more sheets may be feeding at once.	Remove the paper stack from the tray, fan it, and reinsert it.
	The drum cartridge is old or damaged.	Replace the drum cartridge. See "8.2.2 Replacing the Drum Cartridge"
	The power supply is defective.	Contact your Fuji Xerox or dealers.
Output sheets are completely black	The drum cartridge is old or damaged.	Replace the drum cartridge. See "8.2.2 Replacing the Drum Cartridge"
	The power supply is defective.	Contact your Fuji Xerox or dealers.

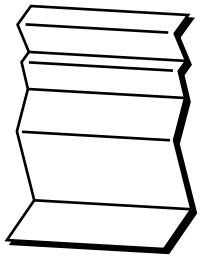
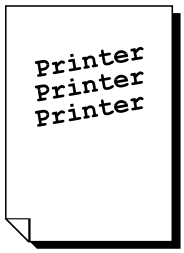
6.4.2 Faded or Dirty Printouts, White Areas (Drop-outs), Creases, Blurs

Symptom	Possible Cause	Action
Faded printouts	Is the media suitable?	Replace the media with a size and type of media suitable for use with this printer. Set the printer driver to the type of paper you are using. See "4.1 Suitable and Unsuitable Paper Types"
	Is the paper damp?	Replace the paper. See "4.2 Loading Paper"
	The drum cartridge is old or damaged.	Replace the drum cartridge. See "8.2.2 Replacing the Drum Cartridge"
	Is the EconoMode selected on the printer driver?	Change the printer driver settings on the Graphics tab (in Windows). See Help
	The power supply is defective.	Contact your Fuji Xerox or dealers.
Dirty spots are printed 	Is the media suitable? Are you using preprinted or inkjet paper?	Replace the media with a size and type of media suitable for use with this printer. Set the printer driver to the type of paper you are using. See "4.1 Suitable and Unsuitable Paper Types"
	The drum cartridge is old or damaged.	Replace the drum cartridge. See "8.2.2 Replacing the Drum Cartridge"

Symptom	Possible Cause	Action
Vertical black lines 	The drum cartridge or transfer roll cartridge is old or damaged.	Check the drum cartridge and transfer roll cartridge and replace them as necessary. See • "8.2.2 Replacing the Drum Cartridge" • "8.3.2 Replacing the Transfer Roll Cartridge"
Recurring smudges 	Dirt in the paper path.	Print several blank sheets.
	The drum cartridge or transfer roll cartridge is old or damaged.	Check the drum cartridge and transfer roll cartridge and replace them as necessary. See • "8.2.2 Replacing the Drum Cartridge" • "8.3.2 Replacing the Transfer Roll Cartridge"
Ink smears when rubbed 	Is the paper damp?	Replace the paper. See "4.2 Loading Paper"
	Is the media suitable?	Replace the media with a size and type of media suitable for use with this printer. Set the printer driver to the type of paper you are using. See "4.1 Suitable and Unsuitable Paper Types"
Hair-like marks appear around black halftone printing 	The paper was left unwrapped for a long time (especially in a dry environment).	Replace the paper. See "4.2 Loading Paper"

Symptom	Possible Cause	Action
There are ghost images of characters and lines 	Are you printing in a high temperature, high humidity or low temperature, low humidity environment?	Use at room temperature. Print after the room has warmed up, such as on winter mornings.
Shadows appear around areas of dense black printing 	Is the media suitable?	Replace the media with a size and type of media suitable for use with this printer. Set the printer driver to the type of paper you are using. See "4.1 Suitable and Unsuitable Paper Types"
	The transfer roll cartridge is old or damaged.	Replace the transfer roll cartridge. See "8.3.2 Replacing the Transfer Roll Cartridge"
White spots appear in areas of dense black printing 	Is the media suitable? Is the media folded or creased?	Replace the media with a size and type of media suitable for use with this printer. Set the printer driver to the type of paper you are using. See "4.1 Suitable and Unsuitable Paper Types"
	The drum cartridge is old or damaged.	Replace the drum cartridge. See "8.2.2 Replacing the Drum Cartridge"
	Is the paper damp? Is it too dry?	Use at room temperature. Use the paper immediately after opening the package.

Symptom	Possible Cause	Action
Partial blanks 	Is the color registration correctly adjusted?	Adjust the color registration. See "1.1 Adjusting Color Registration"
Blotted printing Blurred printing 	Is the paper damp? Is it too dry?	Use at room temperature. Use the paper immediately after opening the package.
	Is the media suitable?	Replace the media with a size and type of media suitable for use with this printer. Set the printer driver to the type of paper you are using. See "4.1 Suitable and Unsuitable Paper Types"
	Is the transfer roll cartridge properly installed in the printer?	Make sure that the transfer roll cartridge is properly installed. See "8.3.2 Replacing the Transfer Roll Cartridge"
Vertical blanks 	Is the drum cartridge properly installed in the printer?	Make sure that the drum cartridge is properly installed. See "8.2.2 Replacing the Drum Cartridge"
	The drum cartridge or transfer roll cartridge is old or damaged.	Check the drum cartridge and transfer roll cartridge and replace them as necessary. See • "8.2.2 Replacing the Drum Cartridge" • "8.3.2 Replacing the Transfer Roll Cartridge"

Symptom	Possible Cause	Action
Creased paper 	Is the paper damp?	Replace the paper. See "4.2 Loading Paper"
	Is the media suitable? Are you using warped paper?	Replace the media with a size and type of media suitable for use with this printer. Set the printer driver to the type of paper you are using. See "4.1 Suitable and Unsuitable Paper Types"
	Is the paper tray properly inserted into the printer?	Push the paper tray completely back into the printer.
	Is there paper or a foreign object jammed in the printer?	Switch off the printer and remove the jammed paper or foreign object. When you cannot remove the obstruction, switch off the printer and contact your Fuji Xerox or dealers. Do not attempt to disassemble the printer.
	Is the transfer roll cartridge properly installed in the printer?	Make sure that the transfer roll cartridge is properly installed. See "8.3.2 Replacing the Transfer Roll Cartridge"
Slanted printing/ Incorrectly positioned printing 	Are the paper guides of the paper tray set correctly?	In the paper tray, set the side and end guides to their correct positions. See • "4.2.1 Loading Paper in the Paper Tray" • "4.2.2 Loading A5 Paper in the Paper Tray/Changing From A5 to Another Paper Size"
	Is the paper guide in the bypass tray set at the correct mark?	Set the paper guide in the bypass tray at the correct mark. See "4.2.3 Loading Paper in the Bypass Tray"
	Did you correctly install the A5 spacer when loading A5 paper into the paper tray?	Make sure that the A5 spacer is properly installed next to the end guide in the paper tray. See "4.2.2 Loading A5 Paper in the Paper Tray/ Changing From A5 to Another Paper Size"

6.4.3 Unsatisfactory Printing

Symptom	Possible Cause	Action
Unsatisfactory transparencies	Is the transparency suitable?	Use transparencies suitable for use with this printer as outlined below: • Transparencies,V516 (Xerox film (no border). Do not use full color transparencies.
	Is the media properly loaded into the bypass tray?	Make sure that the transparencies are properly loaded into the bypass tray. See "3.7.2 Printing on Transparencies"
	Is the printer driver configured to print transparencies?	Set the printer driver for transparencies on the Paper/Output tab (in Windows). See "3.7.2 Printing on Transparencies"
Unsatisfactory envelopes	Is the envelope suitable?	Use Com-10, Monarch, C5, DL envelopes. Use envelopes recommended for use with the printer. See "4.1 Suitable and Unsuitable Paper Types"
	Is the media properly loaded into the bypass tray?	Make sure the envelopes are properly loaded into the bypass tray. See "3.7.1 Printing on Envelopes"
	Is the printer driver configured to print Envelopes?	Set the printer driver for Envelopes in the Paper/Output tab (in Windows). See "3.7.1 Printing on Envelopes"
Unsatisfactory printing	Is EconoMode or a low resolution option selected on the printer driver?	Change the printer driver settings on the Graphics tab (in Windows). See Help

6.5 Paper Does not Feed Properly

Symptom	Possible Cause	Action
Paper does not feed/Paper jams/ Several sheets feed at once/Paper does not feed straight	Is the media properly loaded? If using special paper, is the media properly loaded into the bypass tray?	Make sure that the media is properly loaded. When using media such as transparencies, label sheets, or envelopes, fan the stack before loading so that there is air between the sheets. See "4.2 Loading Paper"
	Is the paper damp?	Replace the paper. See "4.2 Loading Paper"
	Is the media suitable?	Replace the media with a size and type of media suitable for use with this printer. See "4.1 Suitable and Unsuitable Paper Types"
	Is the paper tray properly inserted into the printer?	Push the paper tray completely back into the printer. Remove the jammed paper.
	Is there paper jammed in the printer?	The problem can sometimes be adhesive tape or glue adhering to the rollers. Inspect the insides of the printer often and completely remove any foreign matter. See "Chapter 7 Clearing Paper Jams"
	Is the printer level?	Reposition the printer on a flat, stable surface. See "Safety Notes"
	Is the printer driver paper feed method correctly set?	Make sure that the printer driver paper feed method is correctly set. Also, when an optional tray module is present, you must reconfigure the printer to use the module as tray 2 or 3. See Help

Condition	Verification	Solution
(Continued from previous page) Paper does not feed/Paper jams/ Several sheets feed at once/Paper does not feed straight	Are the paper guides of the paper tray set correctly?	In the paper tray, set the side and end guides in the correct positions. See • "4.2.1 Loading Paper in the Paper Tray" • "4.2.2 Loading A5 Paper in the Paper Tray/Changing From A5 to Another Paper Size"
	Is the paper guide in the bypass tray set at the correct mark?	Set the paper guide in the bypass tray at the correct mark. See "4.2.3 Loading Paper in the Bypass Tray"
	Did you correctly install the A5 spacer when loading A5 paper into the paper tray?	Make sure that the A5 spacer is properly installed next to the end guide in the paper tray. See "4.2.2 Loading A5 Paper in the Paper Tray/ Changing From A5 to Another Paper Size"

6.6 Other Problems

6.6.1 Network Problems

Condition	Verification	Solution
The IP address changes when turning on the printer	Is the printer set to acquire an IP address through a DHCP server?	On the control panel, select "5:Network", then "IP Address Setup" and select "Panel" to set a permanent IP address for the printer. See • "5.3 List of Menu Items" • "1.2.3 Setting the IP Address".
Cannot connect to CentreWare Internet Services	Is the printer off?	Press the "I" on the power switch to switch on the printer. See "3.2.1 Switching On the Power"
	Is the Ethernet cable loose or disconnected?	Switch off the printer and check the Ethernet cable. If necessary, reconnect. See Setup Guide
	Is the printer's Internet address correct?	Confirm that the printer Internet address is correct. If the problem persists, use an IP address to connect to the printer instead.
	Is the printer's IP address correct?	The IP address might be different. Ask your system administrator for the correct settings. Use the Printer Settings list to confirm the current IP address. See • "8.4.1 Confirming Printer Configuration and Network Settings". • "1.2.3 Setting the IP Address".
	Are you using a proxy server?	Certain proxy servers block access to the printer. Configure your Web browser so that it does not use the proxy server or set the address you want to access so that it does not go through the proxy server. See Network Print Environment User Guide.

Symptom	Possible Cause	Action
(Continued from previous page) Cannot connect to CentreWare Internet Services	Is the port number correct?	The default port number is "80". Specify the correct port number.
CentreWare Internet Services do not work properly	–	When CentreWare Internet Services do not operate properly, refer to the Network Print Environment User Guide and follow the procedures therein. See Network Print Environment User Guide
Unable to check the status by e-mail/Cannot use e-mail printing	Is the "Status Messenger" or "E-Mail Printing" running?	Use the control panel or CentreWare Internet Services to start up the "Status Messenger" or "E-Mail Printing" protocol.
	Is the POP/SMTP server's IP address entered correctly?	Enter the correct value using CentreWare Internet Services. See Network Print Environment User Guide
	Are the POP user name and password entered correctly?	Enter the correct value using CentreWare Internet Services. See Network Print Environment User Guide
	Is the APOP setting correct?	Check with your system administrator to confirm whether the POP server supports APOP.
	Can your mail address receive mail?	Check that your mail address is included among those that can receive mail. See Network Print Environment User Guide
	Were commands correctly described in your e-mail?	Enter the commands correctly.
	Did you include the "#Password" command at the beginning of your e-mail?	If a password has been set, the "#Password" command must be included at the beginning of your e-mail.
	Did you correctly specify the password?	Enter the correct password.
	Is the POP/SMTP server operating properly?	Check with your system administrator.

Symptom	Possible Cause	Action
E-mail body text or text file attachment does not print	Has the "Text Print" option of "1:System" been set to "Yes" from the control panel?	Make the proper settings from the control panel. See "3.9 Using E-Mail Printing"
PDF file attachments to e-mail are not printed	Has the attached file been sent with a Content-type setting of text/xxx or message/xxx?	Change the settings of your e-mail software so that PDF files are sent using a Content-type of other than text/xxx or message/xxx (for example, application/pdf). The Content-Type can be determined by displaying the source text of the transmitted mail. For details, see the user's guide provided with your e-mail software.
You are not notified of errors by e-mail	Is "Status Messenger" running?	Use the control panel or CentreWare Internet Services to start up the "Status Messenger" protocol.
	Is the POP/SMTP server's IP address entered correctly?	Enter the correct value using CentreWare Internet Services. See Network Print Environment User Guide
	Are the POP account and password entered correctly?	Enter the correct value using CentreWare Internet Services. See Network Print Environment User Guide
	Is the APOP setting correct?	Check with your system administrator to confirm whether the POP server supports APOP.
	Are the notification items to be sent set correctly?	Select the items you want to be notified of by e-mail using CentreWare Internet Services. See Network Print Environment User Guide
	Is the destination address entered correctly?	Specify the correct destination address using CentreWare Internet Services. See Network Print Environment User Guide
	Is the POP/SMTP server operating properly?	Check with your system administrator.

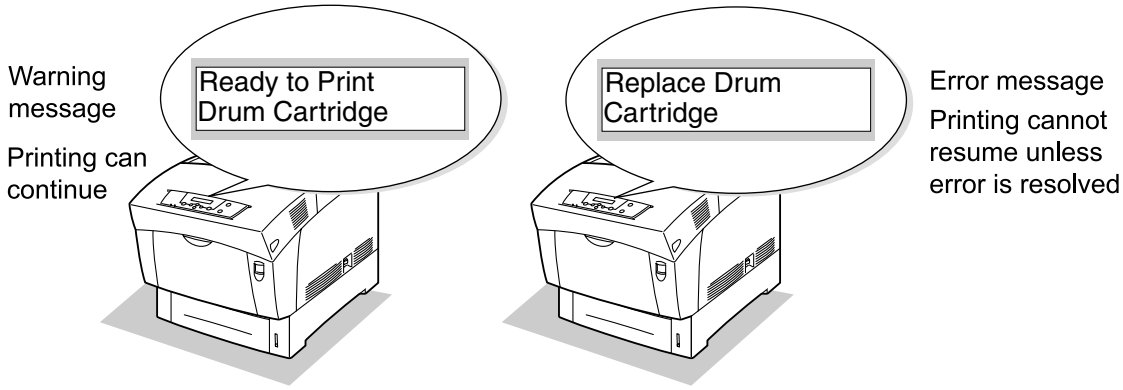
6.6.2 Other Problems

Symptom	Possible Cause	Action
Cannot print in color	Is the printer driver set to Black/White as the output color?	Change the printer driver settings in the Paper/Output or Graphics tab (Windows). See Help
Paper does not feed from the specified tray	Are the application settings overriding the printer driver settings?	Set the paper tray in the application to the same paper tray set in the printer driver.
Printing is slow	Is the printer driver set to Color as the output color even when you are printing in monochrome?	Change the printer driver settings in the Paper/Output or Graphics tab (Windows). See Help
	Is the Power Save Mode Timer too short?	When the printer is in power saver mode, it takes longer than normal to begin printing if it receives a print request. On the control panel, set a longer Power Save Timer. See "5.3 List of Menu Items"
Unusual noises are coming from the printer	Is the printer level?	Reposition the printer on a flat, stable surface. See "Safety Notes"
	Is the paper tray properly inserted into the printer?	Push the paper tray completely back into the printer.
	Is there paper or a foreign object jammed in the printer?	Switch off the printer and remove the jammed paper or foreign object. When you cannot remove the obstruction, switch off the printer and contact your Fuji Xerox or dealers. Do not attempt to disassemble the printer.

Symptom	Possible Cause	Action
There is condensation in the printer	-	On the control panel, set the Power Save Mode Timer to one hour or more and leave the printer on. After leaving the printer for an hour to allow condensation to dissipate, you can use the printer normally. See "5.3 List of Menu Items"
The printer does not switch to power saver mode 2 (When an optional network expansion card is not installed)	Is "Disabled" selected from the control panel for switching to power saver mode 2?	Select "Enabled" from the control panel for switching to power saver mode 2.
	Is it set to startup the CentreWare Simple Status Notification when the computer is started?	Set the time for the CentreWare Simple Status Notification to access the printer longer than the time to shift to the power saver mode.

6.7 When an Error Message Appears on the Control Panel

This section describes error messages and their meanings, as well as what to do when they appear.
Error messages are warnings that alert you to precautions to take when printing, and inform you of actions that you need to take to rectify problems.
When an error message is displayed, find the corresponding message in the table below and follow the procedure herein.



Note

When the message is too long to fit on the display, the screen changes every three seconds, displaying the message in segments.

Message	Meaning and Action
- Please Reboot Printer	The printer is not functioning normally. **Action:** Switch off the printer and switch it on again. When the same message reappears after taking this action, write the error code displayed, switch off the printer, and contact your Fuji Xerox or dealers.
Transp. Error Open Cover A	Transparencies were not specified as the paper type on the computer, the media in the printer is not transparencies, or transparencies were fed instead of the intended media. **Action:** Press button A, open the front door and remove the jammed media. After that, load the media type specified on the computer. If this message appears and the loaded media is correct, specify the paper tray of that media on the computer and reprint. See "Chapter 7 Clearing Paper Jams" LOOK Do not use transparencies framed by a white border. Refer to "4.1 Suitable and Unsuitable Paper Types" and load the recommended type of transparencies.
PDFPermissionErr Please Press Set	PDF files that are disallowed will not print. **Action:** Press the Set/Eject button and cancel printing.

"**" indicate alphanumeric characters.

Message	Meaning and Action
PDF Error Please Press Set	An error occurred when using the direct print function to print a PDF file. **Action:** Press the Set/Eject button and cancel printing.
PDF Wrong Password Please Press Set	The PDF file password and the password set on the printer do not match. **Action:** Press the Set/Eject button and cancel printing. Reset the correct password on the control panel and reprint. See "5.3.6 PDF Bridge"
LZW Unacceptable Please Press Set	Includes an object compressed using LZW in the PDF file. Printing will not be possible if the Contents Bridge Enhancement Kit (optional) is not installed. **Action:** Press the Set/Eject button and cancel printing.
Replace Yellow Toner (Y)	The yellow toner cartridge is empty. **Action:** Replace the yellow toner cartridge. See "8.1.2 Replacing the Toner Cartridges"
Reinsert Yellow Toner (Y)	There is no yellow toner cartridge inserted in the printer or the cartridge is improperly set. **Action:** Grip the levers at each end of the yellow toner cartridge with your fingers, then push down firmly to rotate the levers forward to install the cartridge. See "8.1.2 Replacing the Toner Cartridges"
Need Maintenance CTD Sensor	It is time to check the density sensor. **Action:** Remove the transfer roll cartridge and check the cleanliness of the density sensor. See "6.10 Cleaning the Density Sensor"
Please Clean CTD Sensor	The density sensor is dirty. **Action:** Remove the transfer roll cartridge and clean the density sensor. See "6.10 Cleaning the Density Sensor"
Regi. Jam Open Cover A	There is paper jammed in the printer. **Action:** Press button A, open the front door and remove the jammed media. Make sure there is no paper jammed in the paper trays. See "Chapter 7 Clearing Paper Jams"

Message	Meaning and Action
Fuser Jam Open Cover A & B	There is paper jammed in the printer. **Action:** Press button A or B, open the front door and remove the jammed media. Make sure there is no paper jammed in the paper trays. See "7.4 Paper Jams Between the Drum Cartridge and Fuser Cartridge"
Duplex Jam Open Cover B	There is paper jammed in the paper rotator used for two-sided printing. **Action:** Press button B, open the front door and remove the jammed media. See "7.5 Paper Jams in the Paper Rotator"
Feed Jam Check Tray	There is paper jammed in the bypass tray, the paper tray, or the optional 2 tray module if installed. **Action:** Pull out the tray and remove the jammed media. See "7.2 Paper Jams in Bypass Tray" "7.3 Paper Jams in the Paper Tray" "7.6 Paper Jams in the 2 Tray Module"
Drum Cartridge ID Error	The drum cartridge is defective. **Action:** Replace the drum cartridge. See "8.2.2 Replacing the Drum Cartridge"
Replace Cyan Toner (C)	The cyan toner cartridge is empty. **Action:** Replace the cyan toner cartridge. See "8.1.2 Replacing the Toner Cartridges"
Reinsert Cyan Toner (C)	There is no cyan toner cartridge inserted in the printer or the cartridge is improperly set. **Action:** Grip the levers at each end of the cyan toner cartridge with your fingers, then push down firmly to rotate the levers forward to install the cartridge. See "8.1.2 Replacing the Toner Cartridges"

Message	Meaning and Action
Sys Data Deleted Press Set	All system settings stored in the NV memory were deleted. **Action:** Press the Set/Eject button to initialize the NV memory. The printer settings may be deleted when you reset the NV memory. Print the Printer Settings list and the Panel Settings list to confirm settings. See "8.4.1 Confirming Printer Configuration and Network Settings". "5.3 List of Menu Items"
No Paper in All Trays	There is no paper in any of the paper trays. **Action:** Load paper into the trays. See "4.2.1 Loading Paper in the Paper Tray"
Push in All Trays	One of the trays is not properly inserted. **Action:** Push the all paper trays completely back into the printer.
Disk Full Please Press Set	The hard disk became full during electronic sorting and data writing was halted. **Action:** Press the Set/Eject button. It deletes print jobs from the printer. Print with one of the following methods: • Print fewer pages at a time. • Deactivate the printer driver hard disk setting. See "3.6 Changing the Configuration for Options"
Load xxxx in BypassTray	Paper size xxxx is not loaded in the bypass tray or is different from the size specified on the computer. **Action:** Load paper xxxx into the bypass tray. If the computer settings are incorrect, cancel printing. Specify the correct paper the computer and reprint. See "4.2.3 Loading Paper in the Bypass Tray" "3.5.2 Canceling Printing at the Control Panel"
Check Paper in BypassTray	Paper is not properly loaded in the bypass tray or is different from that specified on the computer. **Action:** Make sure the paper is properly loaded into the bypass tray. If the computer settings are incorrect, cancel printing. Check the following settings on your computer, reconfigure any that are incorrect, and reprint. • Is the correct paper tray specified? • Is the correct paper size specified? See "4.2.3 Loading Paper in the Bypass Tray" and "3.5.2 Canceling Printing at the Control Panel"

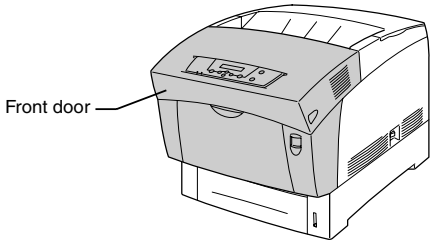
"xxx" represents a paper size or paper orientation.

Message	Meaning and Action
Replace Transfer Roll Cartridge	The transfer roll cartridge needs to be replaced. **Action:** Replace the transfer roll cartridge. See "8.3.2 Replacing the Transfer Roll Cartridge"
Reinsert Trans Roll Cartridge	The transfer roll cartridge is not inserted in the printer or the cartridge is set improperly. **Action:** Push the transfer roll cartridge all the way into the printer. See "8.3.2 Replacing the Transfer Roll Cartridge"
Replace Drum Cartridge	The drum cartridge needs to be replaced. **Action:** Replace the drum cartridge. See "8.2.2 Replacing the Drum Cartridge"
Reinsert Drum Cartridge	The drum cartridge is not inserted in the printer or the cartridge is set improperly. **Action:** Push the drum cartridge all the way into the printer. See "8.2.2 Replacing the Drum Cartridge"
No Paper in Tray 1	There is no paper in tray 1. **Action:** Load paper into paper tray 1. See "4.2.1 Loading Paper in the Paper Tray"
Load xxx in Tray N	Paper size xxxx is not loaded in tray N or is different from that specified on the computer. **Action:** Load paper xxxx into tray N. If the computer settings are incorrect, cancel printing. Check the following settings on your computer, reconfigure any that are incorrect, and reprint. • Is the correct paper tray specified? • Is the correct paper size specified? See "4.2.1 Loading Paper in the Paper Tray" "3.5.2 Canceling Printing at the Control Panel"

"N" represents a number.
"xxx" represents a paper size or paper orientation.

Message	Meaning and Action
Check Paper in Tray N	Paper is not properly loaded in tray N or is different from that specified on the computer. **Action:** Pull out tray N and check the paper. If the computer settings are incorrect, cancel printing. Check the following settings on your computer, reconfigure any that are incorrect, and reprint. • Is the correct paper tray specified? • Is the correct paper size specified? See "4.2.1 Loading Paper in the Paper Tray" "3.5.2 Canceling Printing at the Control Panel"
Push in Tray N	Tray N is not properly inserted. **Action:** Push tray N completely back into the printer.
Load xxxx in a Tray	The paper specified on the computer is not loaded into any of the trays. **Action:** Load paper xxxx into a tray. If size specified on the computer is incorrect, cancel printing. Specify the correct paper on the computer and reprint. See "4.2.1 Loading Paper in the Paper Tray" "3.5.2 Canceling Printing at the Control Panel"
Push in the Tray	None of the trays are properly inserted. **Action:** Push the all paper trays completely back into the printer.
Empty Exit Tray	The face down tray is full. **Action:** Remove the paper from the face down tray.
Replace Black Toner (K)	The black toner cartridge is empty. **Action:** Replace the black toner cartridge. See "8.1.2 Replacing the Toner Cartridges"
Reinsert Black Toner (K)	There is no black toner cartridge inserted in the printer or the cartridge is improperly set. **Action:** Grip the levers at each end of the black toner cartridge with your fingers, then push down firmly to rotate the levers forward to install the cartridge. See "8.1.2 Replacing the Toner Cartridges"
Operation Error Please Press Set	The request from the computer could not be printed. **Action:** Press the Set/Eject button and cancel printing. Check the printer driver settings and reprint.
Operation Denied Wile Printing	An illegal operation was performed on the control panel during printing. Wait until printing finishes.

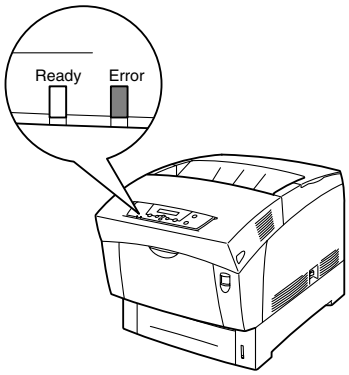
"N" represents a number.
"xxx" represents a paper size or paper orientation.

Message	Meaning and Action
Ready to Print OOOOO toner (O) Need Replacement	This is a warning message. There is almost no toner remaining in OOOOO toner cartridge. Prepare a new OOOOO toner cartridge to replace the old cartridge when it becomes empty.
Ready to Print ServCall J	This is a warning message. It is time to replace the fuser unit. However, if there is no problem in the quality of the print, you can continue using it without replacement. If there are problems in the print quality, contact your Fuji Xerox or dealers. Also, the fuser unit should be replaced approximately every 100,000 pages of print.
Ready to Print Trans Roll Cart Need Replacement	This is a warning message. It is almost time to replace the transfer roll cartridge. Prepare a new transfer roll cartridge ready to replace the old one when the time comes.
Ready to Print Drum Cartridge Need Replacement	This is a warning message. It is almost time to replace the drum cartridge. Prepare a new drum cartridge to replace the old one when the time comes.
Close Front Door	The front door is open. **Action:** Make sure that the front door is properly closed. 
Replace Magenta Toner (M)	The magenta toner cartridge is empty. **Action:** Replace the magenta toner cartridge. See "8.1.2 Replacing the Toner Cartridges"
Reinsert Magenta Toner (M)	There is no magenta toner cartridge inserted in the printer or the cartridge is improperly set. **Action:** Grip the levers at each end of the magenta toner cartridge with your fingers, then push down firmly to rotate the levers forward to install the cartridge. See "8.1.2 Replacing the Toner Cartridges"

Message	Meaning and Action
Out of Memory Please Press Set	There is not enough memory available for the printer to function normally. **Action:** Press the Set/Eject button and cancel printing. Install an additional memory and reprint. See "Appendix A Introduction to Options and Consumables" If you are unable to install an additional memory, print after configuring the printer driver as follows: • Switch off two-sided printing and Multi-Up. • Set Standard to Image Types in the Graphics tab (Windows). Note that this lowers image quality. See Help

6.8 The Error Indicator is On or Blinking

The red Error indicator on the control panel indicates that there is a problem with the printer. When the Error indicator is on or is blinking while you are using the printer, refer to the sections below and follow the procedures therein.



6.8.1 The Error Indicator is On

When the Error indicator is on, it indicates a paper jam or other problem that you can rectify by yourself. Rectify the problem according to the message displayed on the control panel.

See

For detailed information about the meaning of error messages, refer to "6.7 When an Error Message Appears on the Control Panel", and correct the error as instructed.

6.8.2 The Error Indicator is Blinking

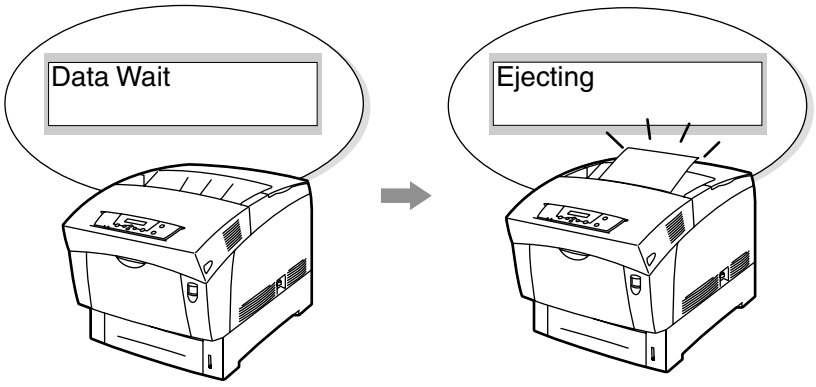
When the Error indicator is blinking, it indicates a problem that you cannot rectify by yourself. Write down the message and error code displayed, switch off the printer and contact your Fuji Xerox or dealers.

6.9 Forcing the Printer to Print Remaining Data (When Printing is Halted)

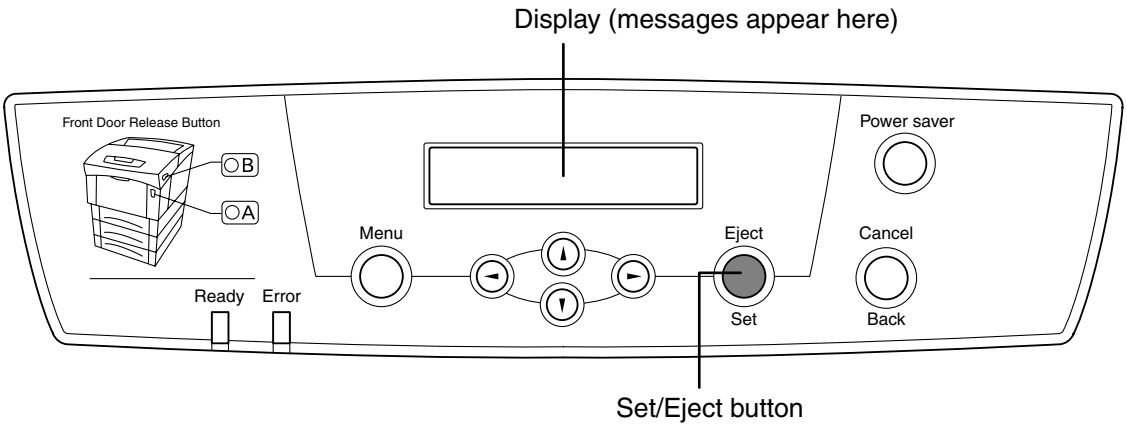
If the end of the data stops in the middle of a page, the printer waits for the next data until the job timeout occurs and "Date Wait" appears on the control panel.
Forcing the printer to print data is useful in this case, because the printer does not wait for the timeout to elapse before it begins printing the data stored in it.
This section describes the procedure for forcing the printer to print data remaining in it.

See

The default job timeout is 300 seconds. You can set the job timeout between 5 and 300 seconds on the control panel. For details about the job timeout function, refer to "5.3 List of Menu Items".

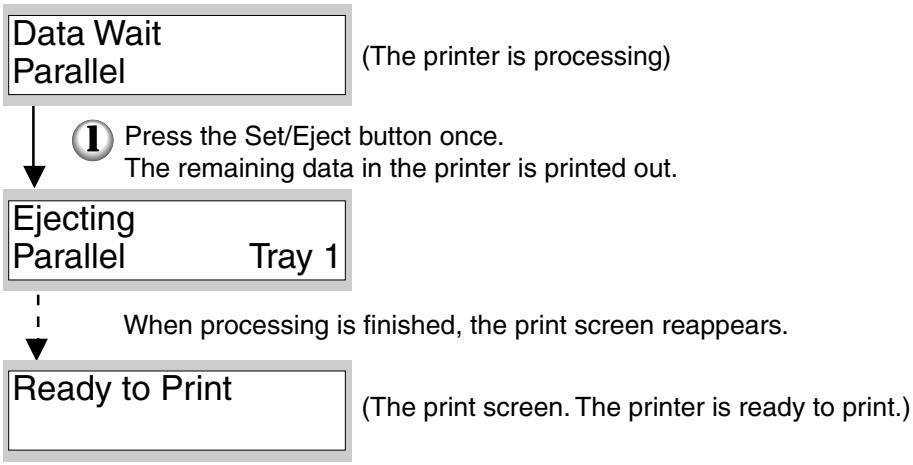


Follow the procedure below. Use the following control panel buttons:



See

For details about control panel operations, refer to "5.2 Basic Menu Operation".

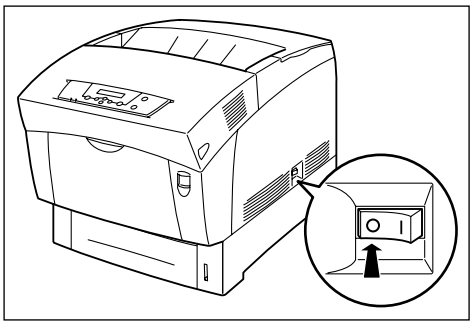


6.10 Cleaning the Density Sensor

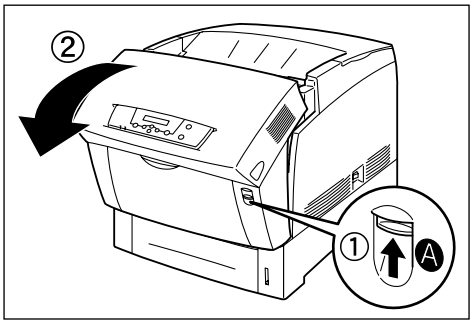
When the printer's density sensor is dirty, follow the procedure below to clean it.

Procedure

1 On the printer's right side, press the side of the power switch marked "○" to switch off the printer.



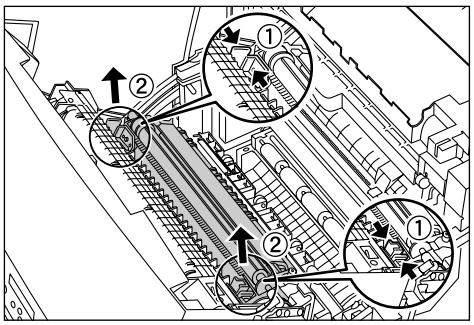
2 Push up button A (1) and fully open the front door (2).



3 Grip the orange tabs at both ends of the transfer roll cartridge (1) and gently lift it out of the printer (2).

LOOK

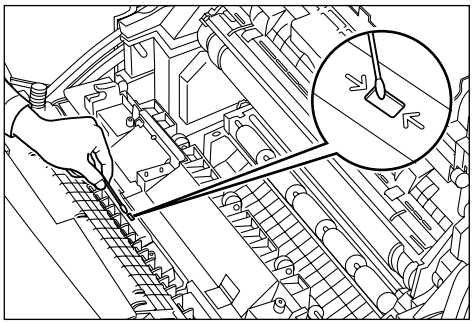
Lift the transfer roll cartridge carefully to prevent transfer roll from spilling out.



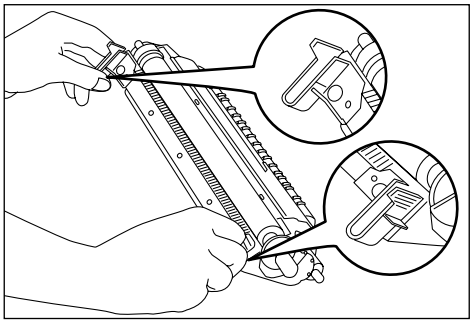
4 Gently wipe the density sensor window with a clean dry cloth or cotton swab.

LOOK

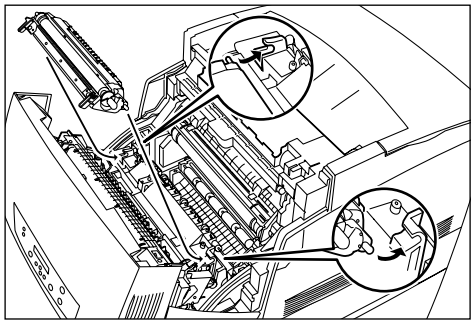
Do not allow anything hard to come in contact with the density sensor window. Do not use excessive force to clean the window.



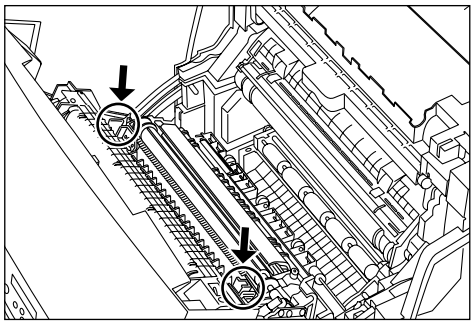
5 Replace the transfer roll cartridge. Grip the orange U-shaped tabs as shown.



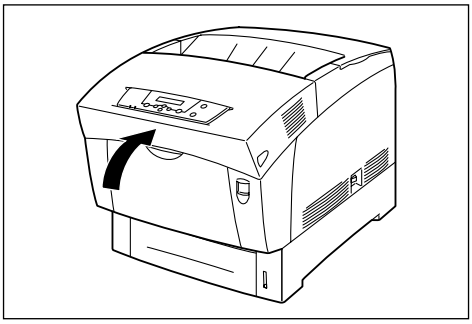
6 Insert the pins at both ends of the transfer roll cartridge into the bearings inside the printer.



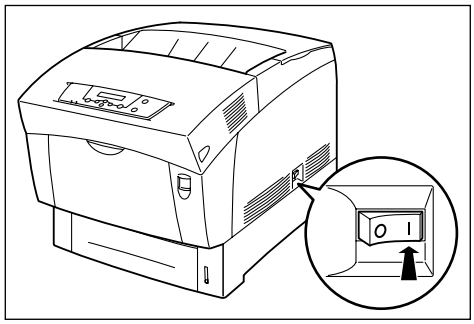
7 To lock the transfer roll cartridge into the printer, push down on the tabs until you hear a click.



8 Close the front door.



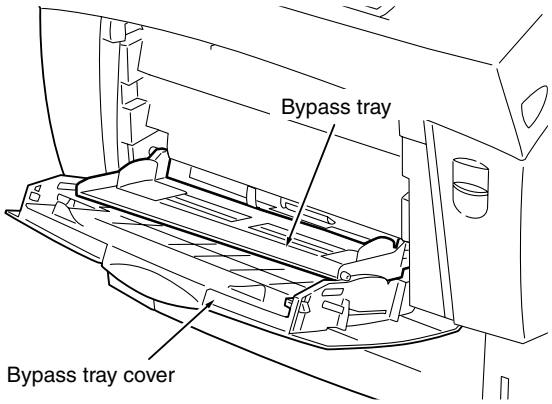
9 On the printer's right side, press the side of the power switch marked "I" to switch on the printer.



6.11 If the Bypass Tray Comes Loose

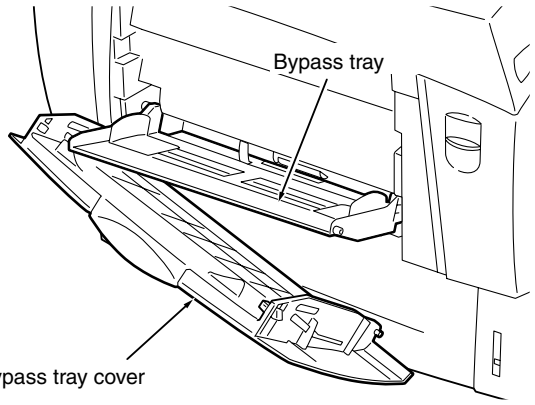
The bypass tray can come loose from the printer if it receives a strong shock. If it has come loose, move to the reference according to the symptom to fix the problem.

<If the pins on one or both sides of the bypass tray are outside of the holes in the tray cover>



See
"Mount Bypass Tray Cover Onto the Bypass Tray."

<If the bypass tray has separated from the printer>

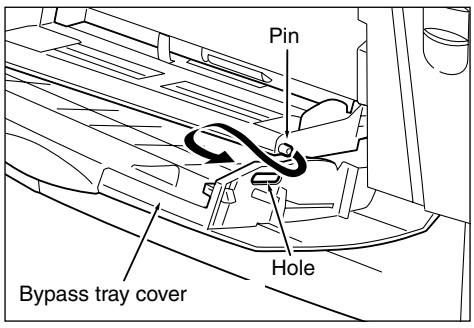


See
"Mount Bypass Tray Onto the Printer."

Mount Bypass Tray Cover Onto the Bypass Tray.

Procedure

1 Bend the bypass tray cover to the outside and insert the protrusions on the bypass tray into the holes in the cover.



2 If both sides are loose, do the same for the other side.

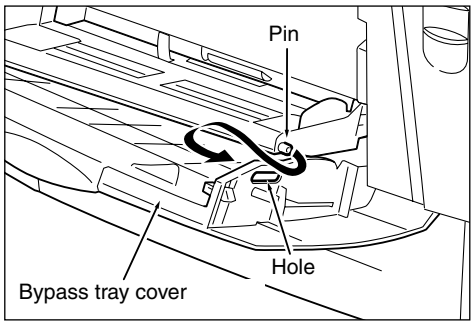
Mount Bypass Tray Onto the Printer.

Procedure

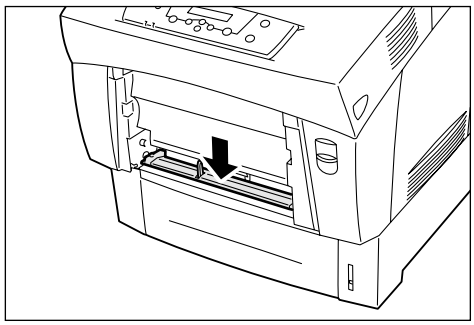
1 Removing the bypass tray cover and bypass tray from the printer.

2 Push up button A (1) and fully open the front door (2).

Then, close the front door.

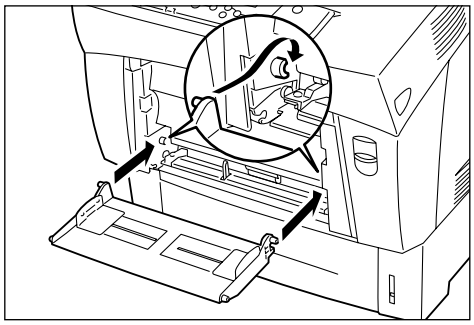


3 Make sure that the part shown in the drawing hanging down.

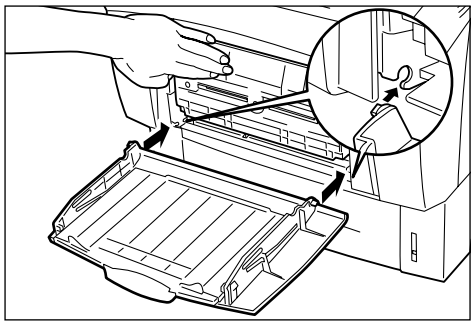


4 Hold the bypass tray horizontally and insert it all the way inside from the front of the printer.

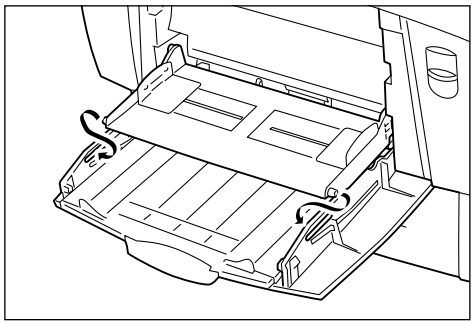
Pull the protrusions on the bypass tray all the way from the front to the back on the printer bearings.



5 Lay the bypass tray on the printer side. While holding it with your hand, insert the protrusions on both sides of the bypass tray cover into the bearings on the printer.



6 Lay the bypass tray. While holding it with your hand, insert the protrusions on both sides of the bypass tray into the holes in the bypass tray cover.



Chapter 7

Clearing Paper Jams

7.1 Paper Jams....174
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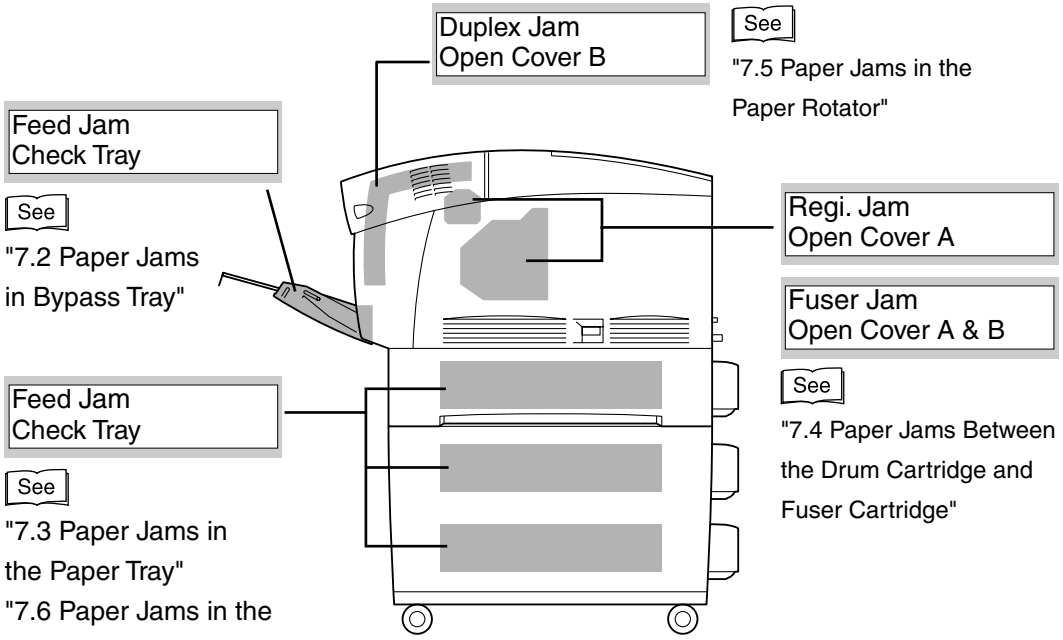
7.1 Paper Jams

If a paper jam occurs, printing stops and an error message appears on the control panel informing you of the location of the paper jam.
To clear the paper jam, read the error message, refer to the appropriate section below, and follow the procedure.



LOOK

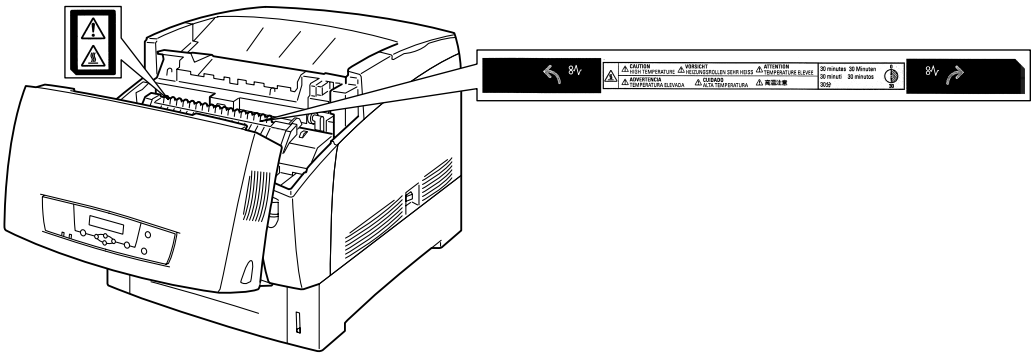
Attempting to print while there is paper jammed in the printer may damage the printer. Remove jammed paper immediately.

Note

- If a paper jam occurs, the open cover indicators on the printer comes on, according to the location of the jam. Press button A or B, open the front door, and remove the jammed paper.
- The illustration above shows the printer with the optional 2 tray module installed.

⚠CAUTION

- **When removing jammed paper, make sure that no pieces of torn paper are left in the machine. A piece of paper remaining in the machine can cause fire.**
  If a sheet of paper is wrapped around the heat roller, or when clearing a jammed paper that is difficult or impossible to see, do not try to remove it by yourself. Doing so can cause injuries or burns. Switch off the machine immediately, and contact your Fuji Xerox or dealers.
- **Never touch a labelled area found on or near the heat roller. You can get burnt.**
  If a sheet of paper is wrapped around the heat roller, do not try to remove it by yourself to avoid injuries or burns. Switch off the machine immediately, and contact your Fuji Xerox or dealers.



LOOK

- If smoke comes out of the printer when a paper jam occurs, do not open the printer covers. Switch off the printer, remove the power cord from the AC outlet, and contact your Fuji Xerox or dealers for assistance.
- Remove jammed paper slowly and carefully to avoid tearing it.

Note

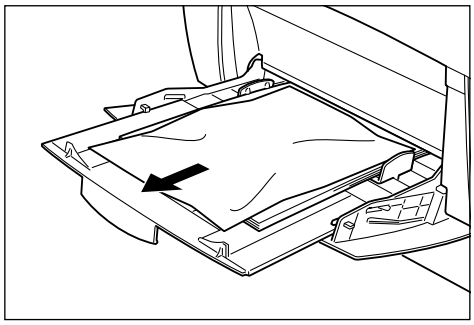
Paper jams can be caused by incorrect printer installation, or using unsuitable or low-quality paper. For details about the types of paper suitable for printing, refer to "4.1 Suitable and Unsuitable Paper Types".

7.2 Paper Jams in Bypass Tray

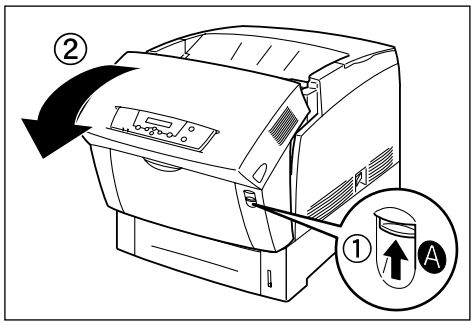
Follow the procedure below to remove the jammed paper.

Procedure

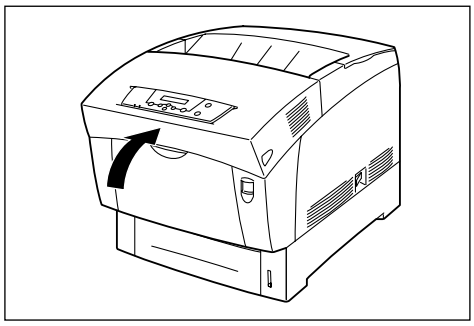
1 Pull the jammed paper out of the bypass tray.



2 Push up button A (1) and fully open the front door (2). Confirm that there are no scraps of paper remaining inside the printer.



3 Close the front door.

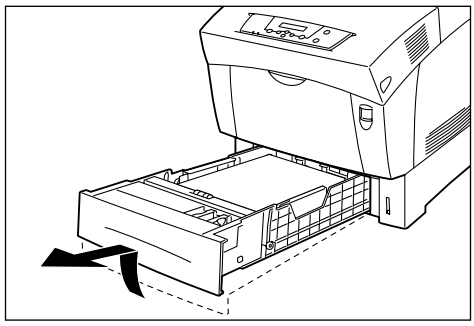


7.3 Paper Jams in the Paper Tray

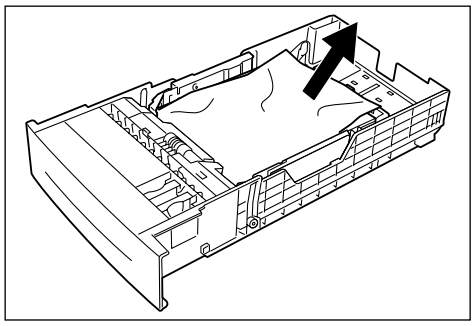
If the Optional 2 tray module is not installed, follow the procedure below to remove paper jammed in the paper tray.
If the Optional 2 tray module is installed, look for the jammed paper sequentially, starting with the lowest tray. Follow the procedure described in "7.6 Paper Jams in the 2 Tray Module".

Procedure

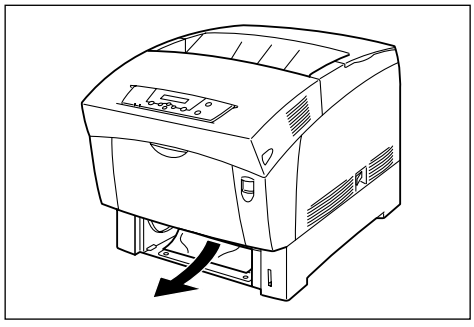
1 Slowly, completely remove the paper tray from the printer.



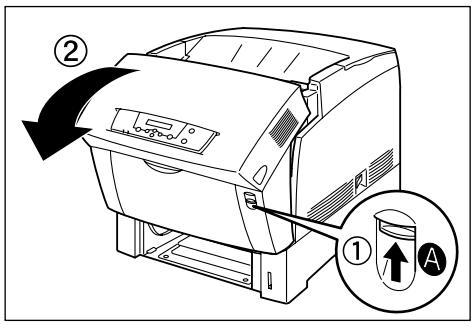
2 Remove all the jammed and/or creased paper from the tray.



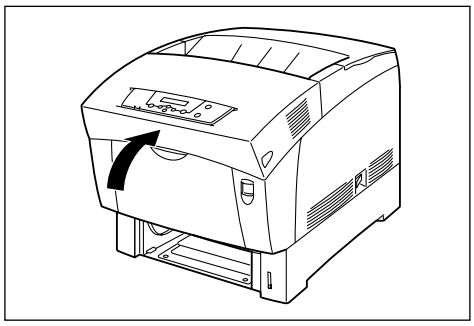
3 If there is jammed paper remaining inside the printer, pull it out carefully to avoid tearing it.



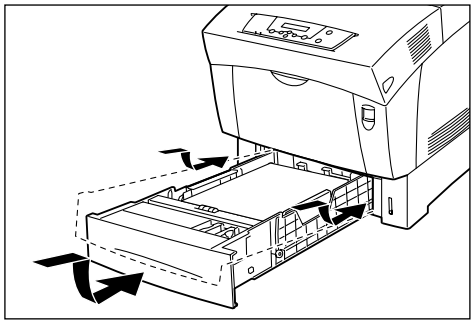
4 Push up button A (1) and fully open the front door (2). Confirm that there are no scraps of paper remaining inside the printer.



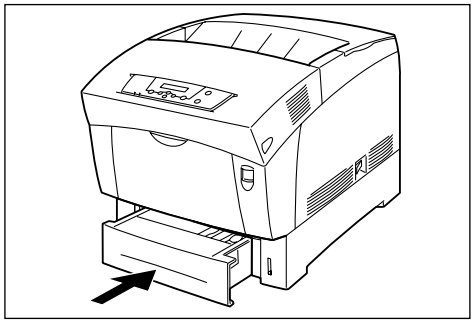
5 Close the front door.



6 Hold the paper tray with both hands, align it with the opening in the printer and gently insert it.



7 Push the paper tray completely back into the printer.



LOOK

Do not use excessive force on the paper tray. Doing so could damage the paper tray or the inside of the printer.

7.4 Paper Jams Between the Drum Cartridge and Fuser Cartridge

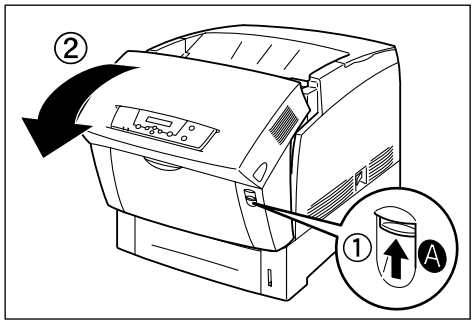
This section describes the procedures to remove paper jammed around the drum cartridge and in the fuser. Select the appropriate procedure according to the location of the jammed paper.

Paper Jams Around the Drum Cartridge:

Follow the procedure below to remove the jammed paper.

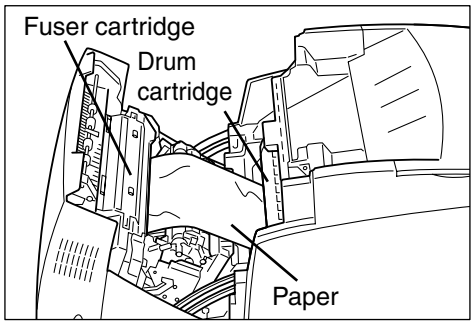
Procedure

1 Push up button A (1) and fully open the front door (2).



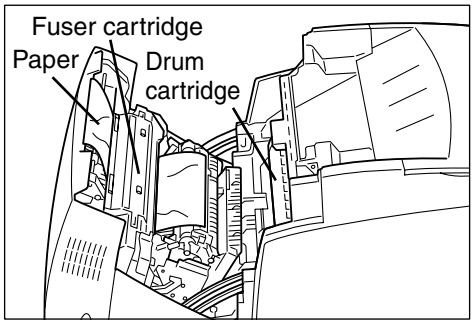
2 If there is paper jammed around the drum cartridge (Illustration A), continue following this procedure.

<Illustration A>



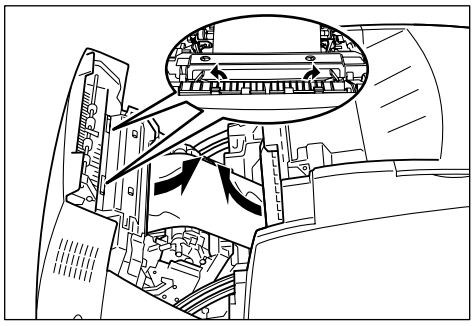
If there is paper jammed around the fuser cartridge (Illustration B), follow the procedure for "Paper Jams Around the Fuser Cartridge:" on the next page.

<Illustration B>



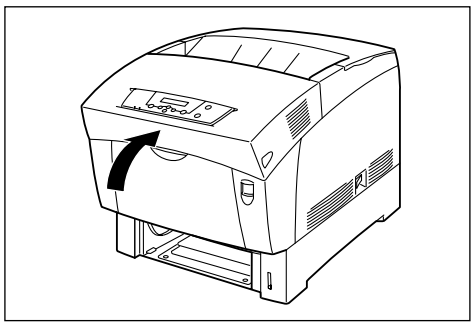
3 Open the fuser cartridge levers and remove the jammed paper.

If the paper is torn, remove any scraps of paper remaining inside the printer.



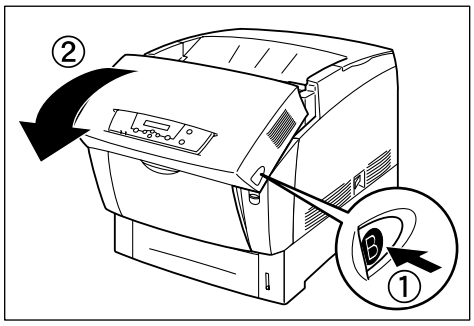
4 Be sure to close the fuser cartridge levers after removing the jammed paper.

5 Close the front door.



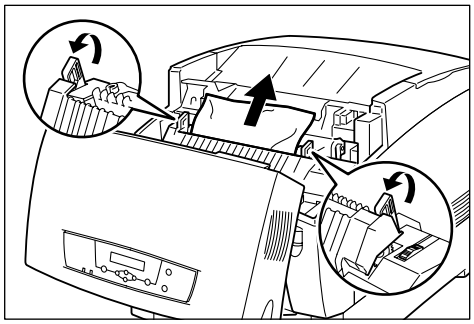
Paper Jams Around the Fuser Cartridge:

1 Push button B (1) and open the front door (2).



2 Open the levers at the ends of the fuser cartridge and remove the jammed paper.

If the paper is torn, remove any scraps of paper remaining inside the printer.

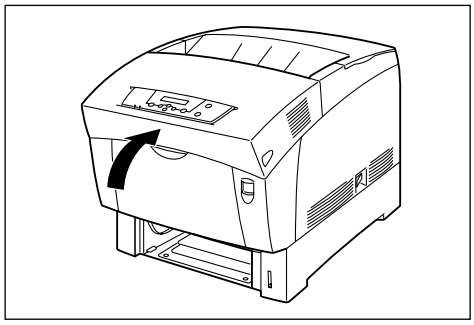


LOOK

During operation, the fuser unit (heater) becomes very hot.
Touching directly can cause burns. Be very careful.

3 Be sure to close levers at the ends of the fuser cartridge after removing the jammed paper.

4 Close the front door.



Paper Longer Than 355.6 mm Becomes Jammed:

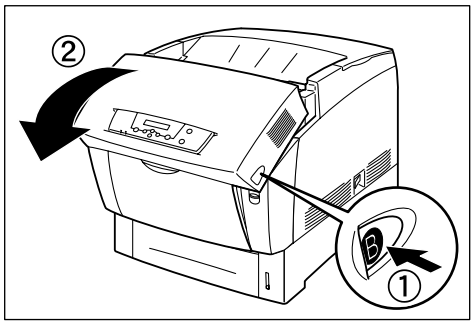
If paper longer than 355.6 mm becomes jammed in the printer, cut the paper as necessary and remove the paper from the location where it is jammed using the appropriate procedure. If the front door is difficult to open, do not force it. Switch off the printer immediately and contact your Fuji Xerox or dealers.

7.5 Paper Jams in the Paper Rotator

Follow the procedure below to remove the jammed paper.

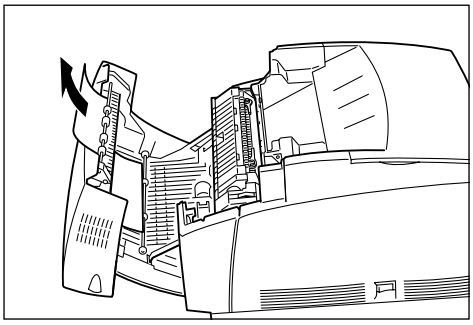
Procedure

1 Push button B (1) and open the front door (2).

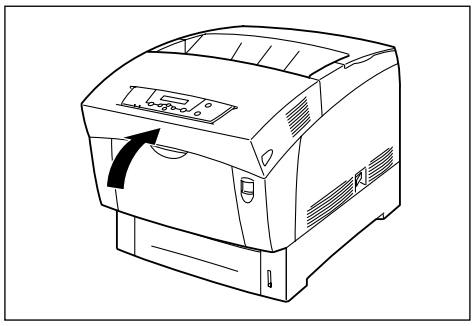


2 Remove the jammed paper.

If the paper is torn, remove any scraps of paper remaining inside the printer.



3 Close the front door.

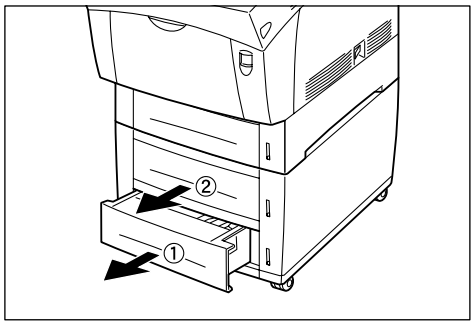


7.6 Paper Jams in the 2 Tray Module

Follow the procedure below to remove the jammed paper.

Procedure

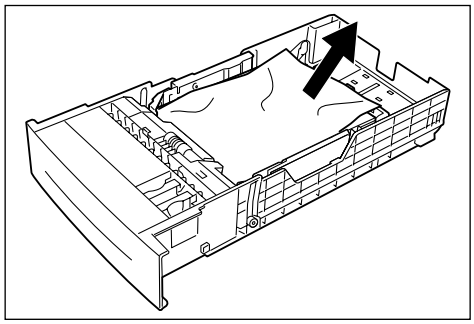
1 Starting with the bottom tray, pull out each tray until you find the jammed paper.



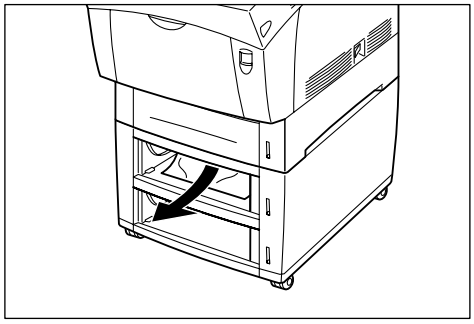
LOOK

Paper in the tray module passes in front of the paper tray as it feeds into the printer. If paper jams along this path, clear the jam starting with the lower paper tray, then the upper one. Otherwise, the jammed paper may block the upper paper tray, preventing you from taking it out of the printer.

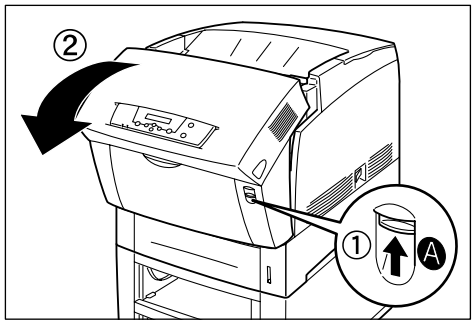
2 Remove all the jammed and/or creased paper from the tray.



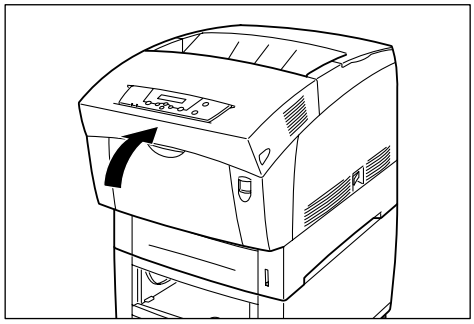
3 If there is jammed paper inside the printer, pull it out carefully to avoid tearing it.



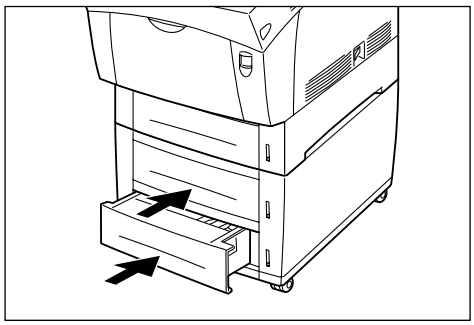
4 Push up button A (1) and fully open the front door (2). Confirm that there are no scraps of paper remaining inside the printer.



5 Close the front door.



6 Close all open paper trays.



Chapter 8

Daily Care

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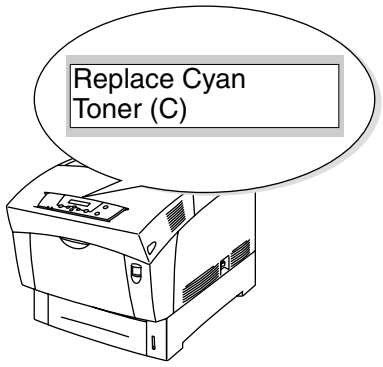
8.1 Replacing the Toner Cartridges

The printer uses four toner cartridges: black, yellow magenta, and cyan.
When the toner supply in a cartridge begins to run out, the message "Replace xxxx Toner (x)" message appears on the control panel (xxxx is the toner cartridge color). Replace toner cartridges as soon as the message prompting you to do so appears. The printer stops operating if you do not replace the cartridge when required.



See

Toner cartridges are consumables. For more information about consumables, refer to "Appendix A Introduction to Options and Consumables".
For details about when to change consumables, refer to "Appendix D Life Span of Consumables".

8.1.1 Toner Cartridge Handling Precautions

⚠WARNING
Never throw a toner cartridge into an open flame. It can cause an explosion and you can get burnt.

Handling Precautions

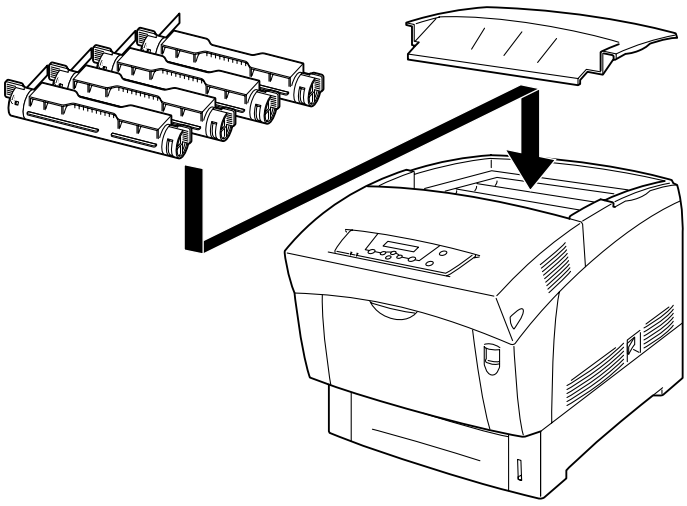
- Never use a vacuum cleaner to clean toner. Static electricity could build up and damage sensors.
- Do not reuse toner cartridges once you have removed them from the printer. Loose toner could spill inside the printer and deteriorate print quality.
- To prevent residual toner form spilling, avoid shaking or bumping used toner cartridges.
- After moving a toner cartridge from a cold place to a warm place, allow 1 hour for the cartridge to adapt to room temperature before installing it. (This is not necessary if there is no condensation.)
- Toner is harmless, but should still be washed off immediately if it comes into contact with hands or clothing.
- If you are not using the toner cartridge recommended by our company, the performance of the machine may not be at its optimum level. Use the toner cartridge recommended for this product.

Storage Precautions

- Select a storage location away from direct sunlight and meeting the following conditions:
- Ambient temperature range, 0 to 35°C. Humidity range 15 to 80% RH (no condensation). Avoid hot and humid areas.
- Avoid storing near magnetic objects such as CRT screens, disk drives, or floppy disks.
- Keep out of reach of children.

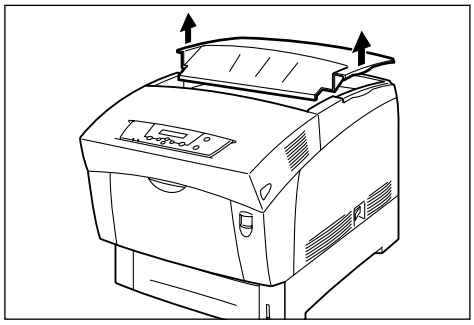
8.1.2 Replacing the Toner Cartridges

Follow the procedure below to replace toner cartridges.

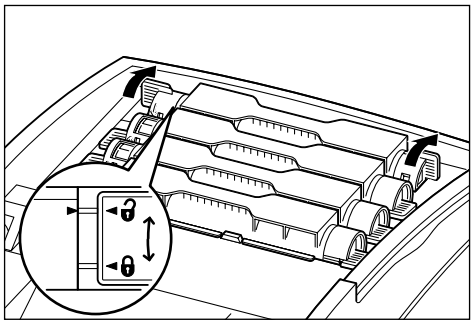


Procedure

1 Remove the top cover and place it on a flat surface.



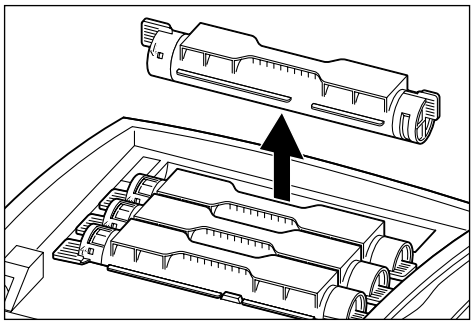
2 Grip the levers at the ends of the toner cartridge that you want to replace and pull them up.



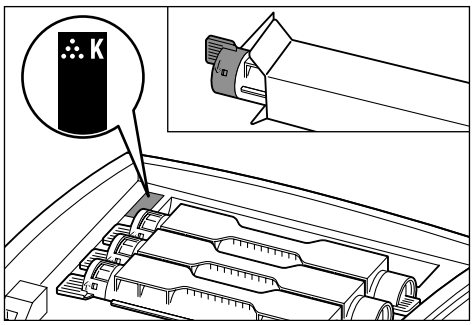
3 Pull out the toner cartridge.

Note

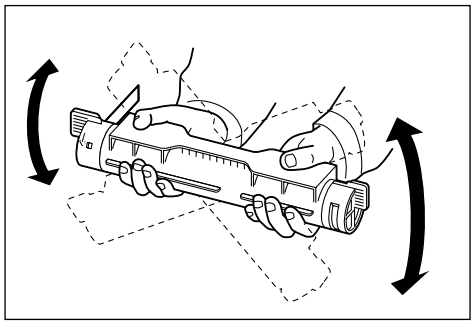
Put the toner cartridge on a piece of paper to prevent toner from staining floor or furniture.



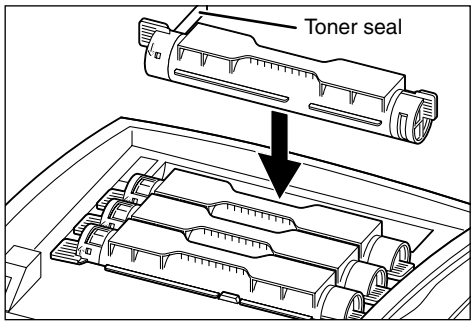
4 Select the new toner cartridge whose color matches the label on the insertion point and remove it from its packaging.



5 Shake the toner cartridge seven or eight times as illustrated to distribute toner evenly.

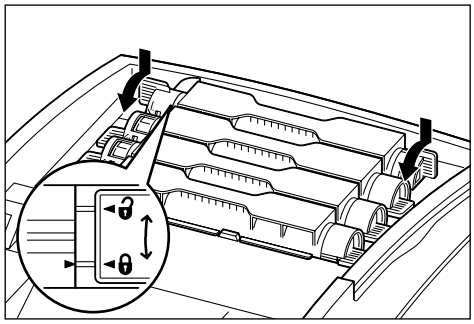


6 Align the toner cartridge with the corresponding insertion point in the printer and insert it as illustrated.



7 Grip the levers at each end of the toner cartridge with your fingers, then push down firmly to rotate the levers forward to the ( ) position.

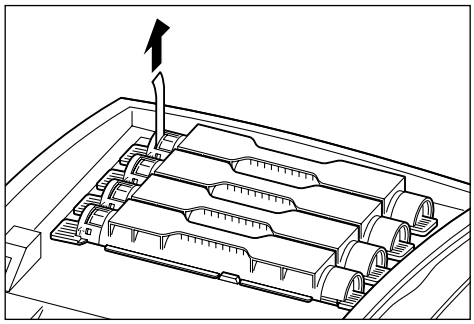
Turn to the proper position. You will hear a click.



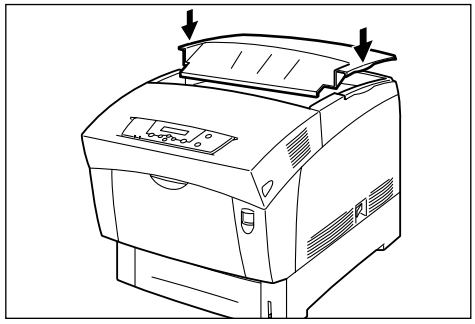
8 Pull the toner seal straight up to remove it.

LOOK

Pull out the toner seal directly upward. The tape can break partway if pulled out at an angle.

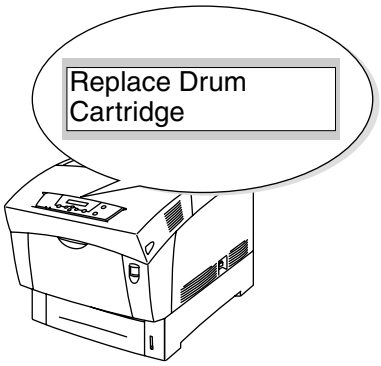


9 Replace the top cover.



8.2 Replacing the Drum Cartridge

Consists of the light-sensitive drum, the developer and the transfer roller.
When the drum deteriorates, the "Replace Drum Cartridge" message appears on the control panel. Replace the drum cartridge as soon as the message prompting you to do so appears.



See

The drum cartridge is a consumable. For more information about consumables, refer to "Appendix A Introduction to Options and Consumables"
For details about when to change consumables, refer to "Appendix D Life Span of Consumables".

8.2.1 Drum Cartridge Handling Precautions

⚠WARNING
Never throw a drum cartridge into an open flame. It can cause an explosion and you can get burnt.

Handling Precautions

- Do not touch the photosensitive surface (the blue colored portion) or the intermediate transfer roll surface (the black colored area) directly with your hands. Do not allow anything to touch or scratch the surfaces of the photosensitive or intermediate transfer roller. Scratches or oil and dirt from your hands on the roller deteriorates print quality.
- Do not expose the drum cartridge to direct sunlight. Do not expose it to fluorescent lights. This will cause the print to become dirty or to not show up in those areas.
- When replacing the drum cartridge, work on a desk or other flat surface to avoid scratching the light-sensitive drum and transfer roller.
- Do not remove drum cartridges in use. Dirty spots may be printed
- Do not tilt or shake drum cartridges in use when removing them temporarily. Loose toner can spill inside the printer and deteriorate print quality.
- To ensure good print quality, keep the drum cartridge level when handling it.

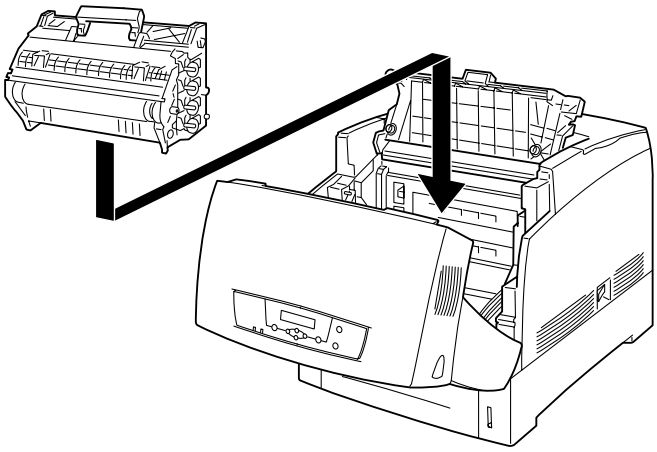
- Drum cartridges weigh approximately 4.5 Kg. Handle them with care.
- If you are not using the drum cartridge recommended by our company, the performance of the machine may not be at its optimum level. Use the drum cartridge recommended for this product.
- When setting the drum cartridge, do not shake or tilt them.

Storage Precautions

- Do not unpack new drum cartridges until you are ready to install them. If a drum cartridge is unpacked, put it in its aluminum package for storage.
- Select a storage location away from direct sunlight and meeting the following conditions:
- Ambient temperature range, 0 to 35°C. Humidity range 15 to 80% RH (no condensation). Avoid hot and humid areas.
- Avoid storing near magnetic objects such as CRT screens, disk drives, or floppy disks.
- Keep out of reach of children.
- Store in a level position.

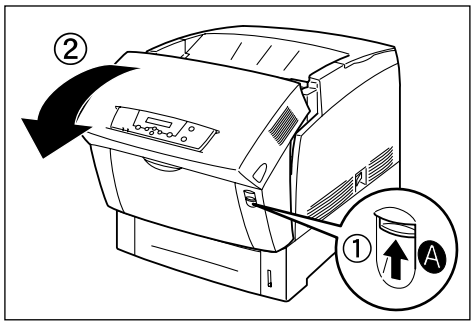
8.2.2 Replacing the Drum Cartridge

Follow the procedure below to replace the drum cartridge.

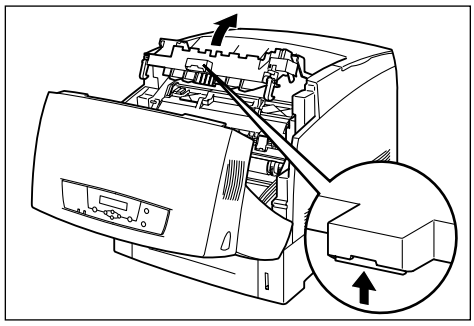


Procedure

1 Push up button A (1) and fully open the front door (2).



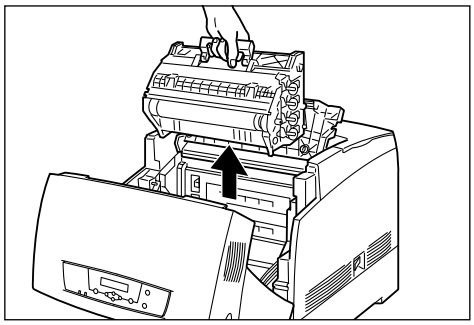
2 Push the button as shown and open the paper outlet cover.



3 Grip the handle on top of the drum cartridge and gently lift it out of the printer.

LOOK

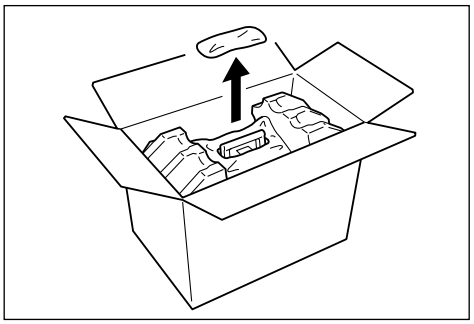
Hold the drum cartridge by its handle to prevent it from falling.



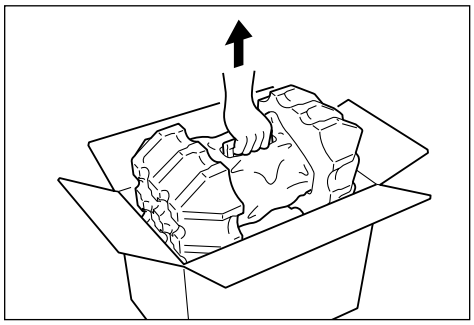
4 Open the top of the new drum cartridge box and pull of the top part of the aluminum package.

Note

Remove the sheet by working inward from the two notches.



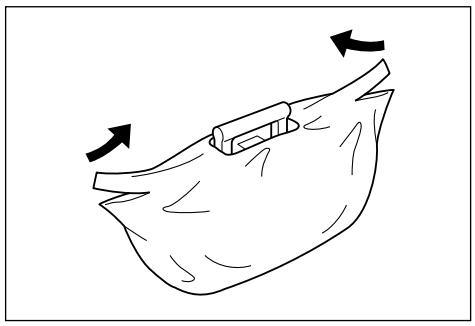
5 Grip the handle on top of the drum cartridge and gently lift it. Place the cartridge on a flat surface.



LOOK

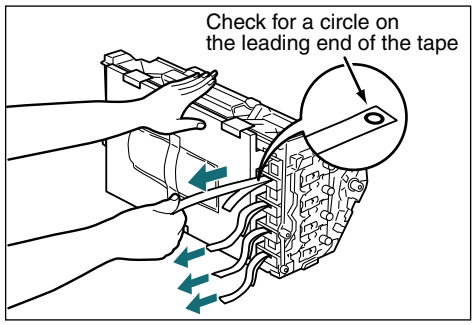
Lift the drum cartridge by the handle. Do not allow the cartridge to touch anything when removing it from the box.
When setting the drum cartridge, do not shake or tilt them.

6 Remove the polystyrene packing and open the top of the aluminum package from the left and right.



7 Take the new drum cartridge out of its package and pull on the longer of the paired seals horizontally toward you. Verify that there is a circle on the leading edge of the tape that you pull out.

Do this for another three.



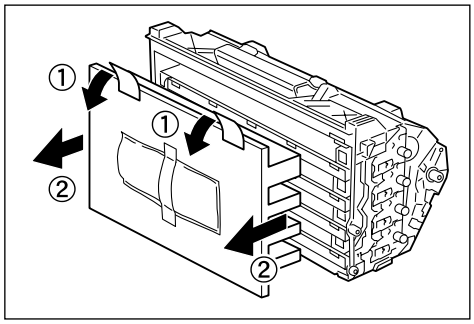
LOOK

If there is no circle on the leading edge of the tape, you cannot use this drum cartridge. Contact your dealer.

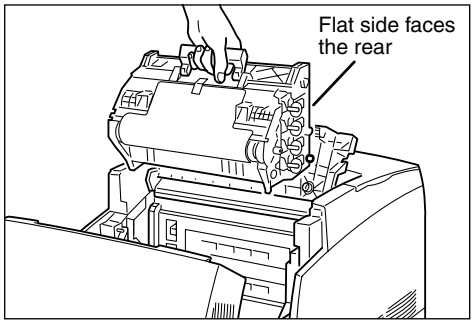
Note

Keep the drum cartridge polystyrene packing, aluminum package, and box in case you need to transport the printer over long distances in the future.

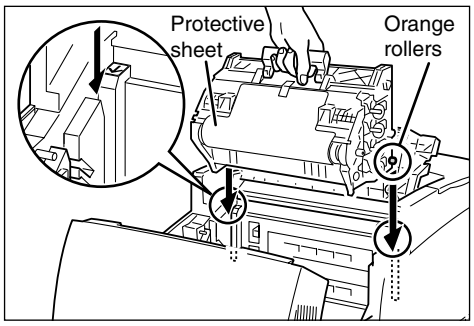
8 Remove the tape from the top of the cartridge (1), hold the protective cover on both sides and remove it from the drum cartridge (2).



9 Grip the handle on top of the drum cartridge and face the flat part towards the back of the printer.



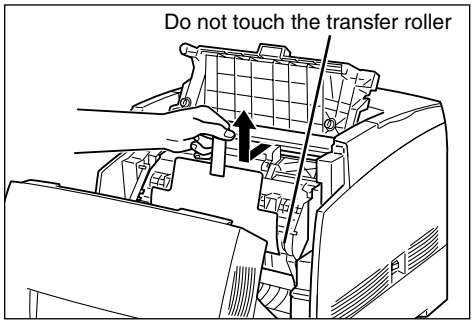
10 With the flat part of the cartridge facing the rear, align the orange rollers on both sides of the drum cartridge with the slots in front of the arrows on the printer, and gently lower the cartridge into the printer.



LOOK

- Lowering the cartridge into the printer without correctly aligning the rollers with the slots can damage the cartridge.
- Do not allow the surface covered with a protective sheet to come into contact with anything.

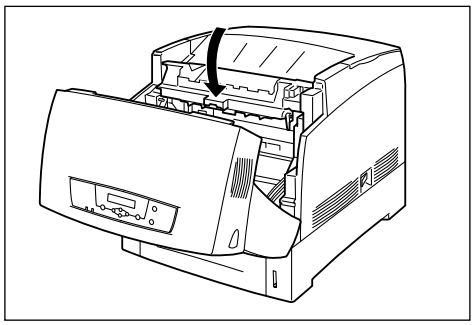
11 Pull the protective sheet on the cartridge straight up to remove it, as illustrated.



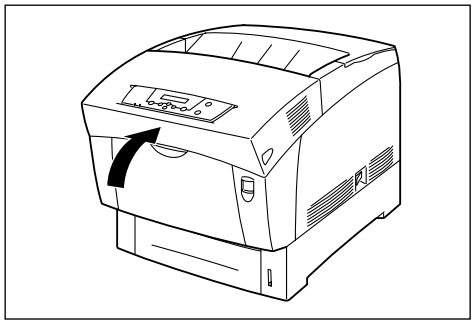
LOOK

Do not touch the transfer roller (black part). Make sure that nothing touches or scratches the roller surface. Scratches or oil from your hands on the roller deteriorates print quality.

12 Close the paper outlet cover.

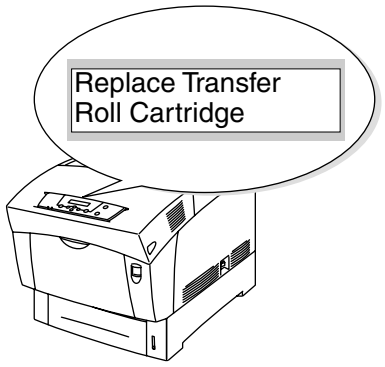


13 Close the front door.



8.3 Replacing the Transfer Roll Cartridge

The transfer roll cartridge consists of a transfer roller and a transfer roll collection box. When the transfer roll cartridge deteriorates, the "Replace Transfer Roll Cartridge" message appears on the control panel. Replace the transfer roll cartridge as soon as the message prompting you to do so appears. The printer stops operating if you do not replace the cartridge when required.



Note

The transfer roll cartridge is a consumable. For more information about consumables, refer to "Appendix A Introduction to Options and Consumables".
For details about when to change consumables, refer to "Appendix D Life Span of Consumables".

8.3.1 Transfer Roll Cartridge Handling Precautions

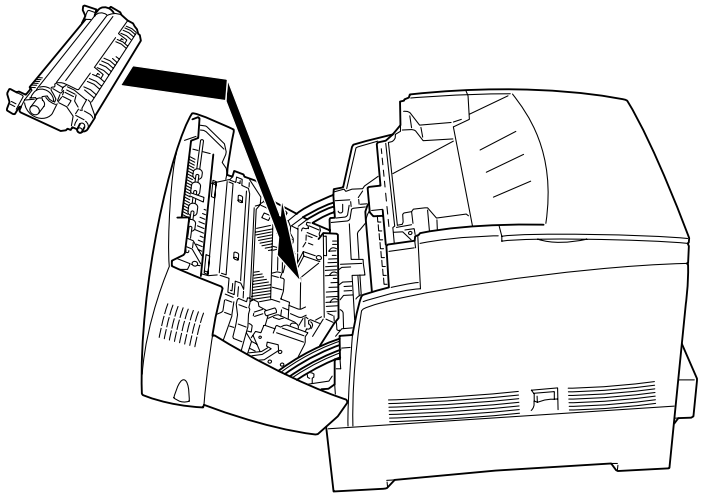
⚠WARNING
Never throw a transfer roll cartridge into an open flame. It can cause an explosion and you can get burnt.

Handling Precautions

- Do not remove transfer roll cartridges in use.
- Replace the transfer roll cartridge as soon as the message prompting you to do so appears. The printer stops operating if you do not replace the cartridge when required.
- Do not attempt to reuse toner from the transfer roll collection box.
- When you remove the transfer roll cartridge from the printer because the transfer roll collection box is full, do not attempt to empty the transfer roll box and reuse the cartridge, as toner may spill inside the printer and cause damage. Loose toner can spill inside the printer and deteriorate print quality.
- Do not temporarily remove transfer roll cartridges in use. Loose toner can spill inside the printer and deteriorate print quality.

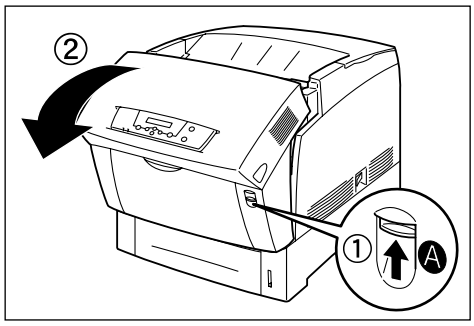
8.3.2 Replacing the Transfer Roll Cartridge

Follow the procedure below to replace the transfer roll cartridge.

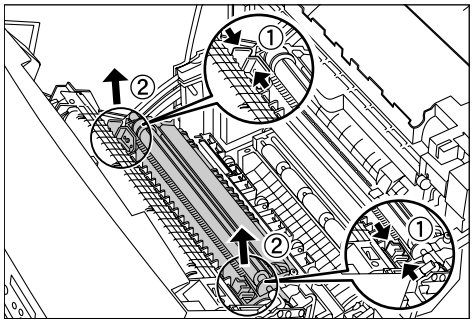


Procedure

1 Push up button A (1) and fully open the front door (2).



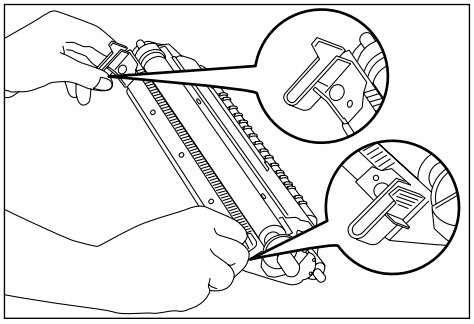
2 Grip the orange tabs at both ends of the transfer roll cartridge (1) and gently lift it out of the printer (2).



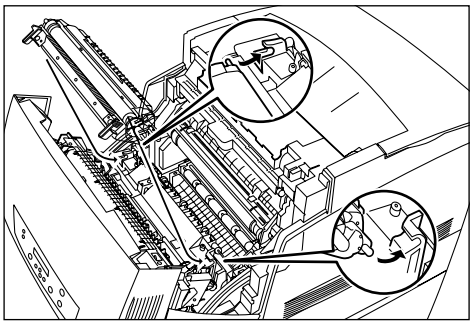
LOOK

Lift the transfer roll cartridge carefully to prevent transfer roll from spilling out.

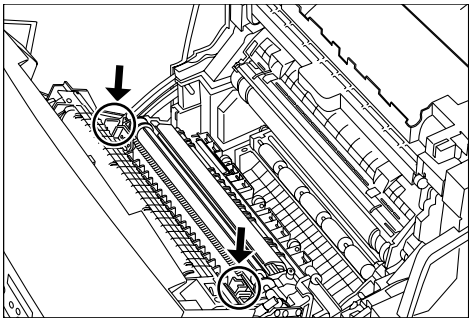
3 Unpack a new transfer roll cartridge and grip the orange tabs as shown.



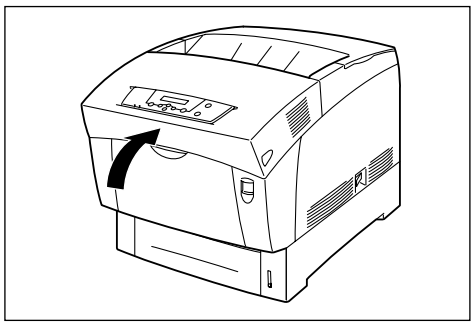
4 Insert the pins at both ends of the transfer roll cartridge into the bearings inside the printer, and gently push the roller into the printer.



5 To lock the transfer roll cartridge into the printer, push down on the tabs until you hear a click.



6 Close the front door.



8.4 Printing Reports and Lists

Use the operation panel to print the following reports and lists.

- **Printer Settings**

  Use this to confirm options installed in the printer and to check the network settings on the printer.

  See
  "8.4.1 Confirming Printer Configuration and Network Settings"

- **Panel Settings**

  Use this to check the parameters set with the control panel.

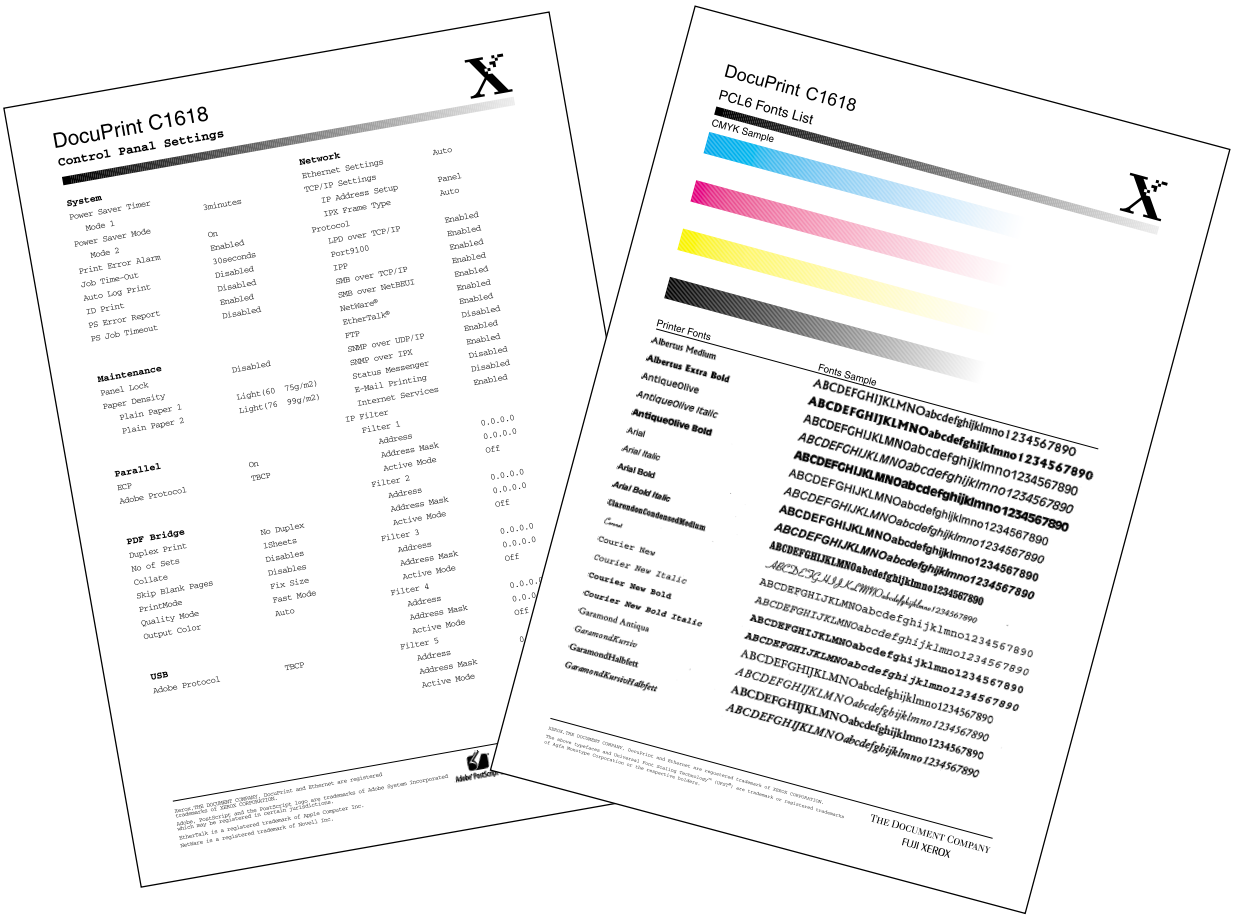
- **PCL6 Fonts List**

  Use this to find out which fonts are loaded into the printer.

- **Job History**

  This is a report of the last 22 print jobs received by the printer. Use it to check whether the jobs were printed normally or not.

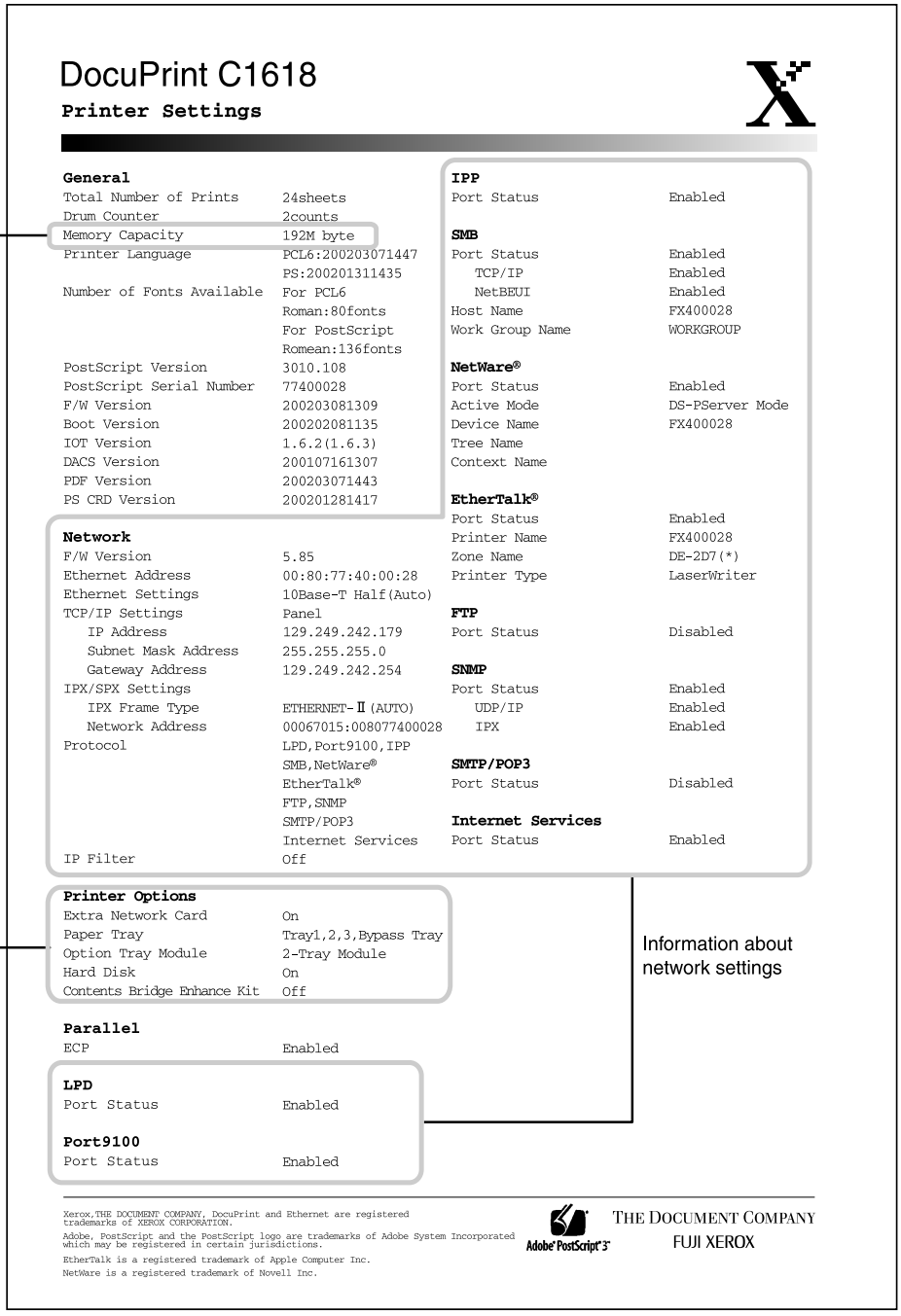
  See
  "8.4.2 Checking the Print Log"



* Fonts stated in the PCL Fonts List are trademarks of Bitstream Inc. and International Type Company.

8.4.1 Confirming Printer Configuration and Network Settings

Printing the Printer Settings list allows you to check what options are installed on the printer and the way the printer's network settings are configured.



DocuPrint C1618

Printer Settings

General	
Total Number of Prints	24sheets
Drum Counter	2counts
Memory Capacity	192M byte
Printer Language	PCL6:200203071447
	PS:200201311435
Number of Fonts Available	For PCL6
	Roman:80fonts
	For PostScript
	Romean:136fonts
PostScript Version	3010.108
PostScript Serial Number	77400028
F/W Version	200203081309
Boot Version	200202081135
IOT Version	1.6.2(1.6.3)
DACS Version	200107161307
PDF Version	200203071443
PS CRD Version	200201281417

Network	
F/W Version	5.85
Ethernet Address	00:80:77:40:00:28
Ethernet Settings	10Base-T Half(Auto)
TCP/IP Settings	Panel
IP Address	129.249.242.179
Subnet Mask Address	255.255.255.0
Gateway Address	129.249.242.254
IPX/SPX Settings	
IPX Frame Type	ETHERNET-Ⅱ(AUTO)
Network Address	00067015:008077400028
Protocol	LPD,Port9100,IPP
	SMB,NetWare®
	EtherTalk®
	FTP,SNMP
	SMTP/POP3
	Internet Services
IP Filter	Off

Printer Options	
Extra Network Card	On
Paper Tray	Tray1,2,3,Bypass Tray
Option Tray Module	2-Tray Module
Hard Disk	On
Contents Bridge Enhance Kit	Off

Parallel	
ECP	Enabled

LPD	
Port Status	Enabled
Port9100	
Port Status	Enabled

IPP	
Port Status	Enabled
SMB	
Port Status	Enabled
TCP/IP	Enabled
NetBEUI	Enabled
Host Name	FX400028
Work Group Name	WORKGROUP
NetWare®	
Port Status	Enabled
Active Mode	DS-PServer Mode
Device Name	FX400028
Tree Name	
Context Name	
EtherTalk®	
Port Status	Enabled
Printer Name	FX400028
Zone Name	DE-2D7(*)
Printer Type	LaserWriter
FTP	
Port Status	Disabled
SNMP	
Port Status	Enabled
UDP/IP	Enabled
IPX	Enabled
SMTP/POP3	
Port Status	Disabled
Internet Services	
Port Status	Enabled

Information about options

Information about network settings

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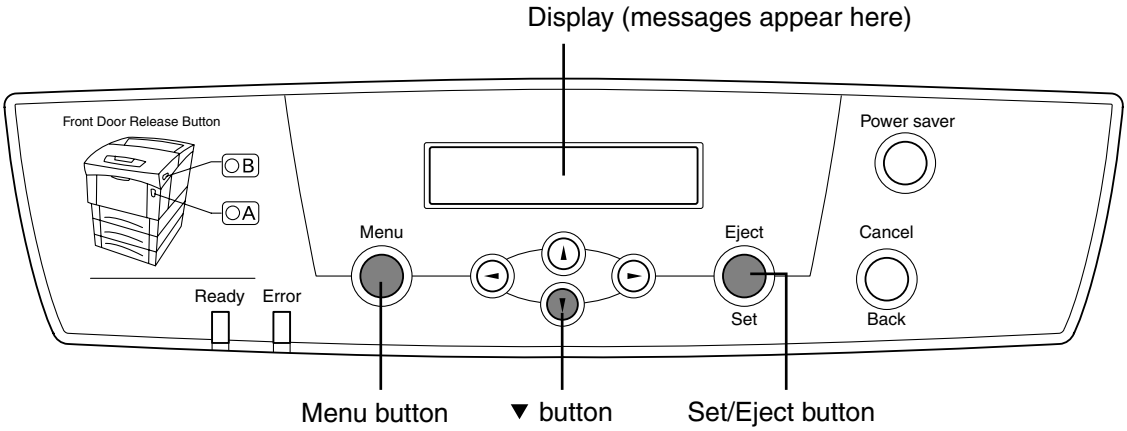
NetWare is a registered trademark of Novell Inc.
Adobe PostScript 3
THE DOCUMENT COMPANY
FUJI XEROX

This section describes how to print the Printer Settings list. Use the following control panel buttons:



See

For details about control panel operations, refer to "5.2 Basic Menu Operation".

LOOK

The Printer Settings list is printed on A4 paper. Set the A4 paper lengthwise into the paper tray.

Ready to Print

(The print screen. The printer is ready to print.)

1 Press the Menu button. The menu screen appears.

Menu
1:System

(The Menu screen)

2 Press the ▼ button three times.

Menu
4:Report/List

3 Press the Set/Eject or ▶ button once.

4:Report/List
Printer Settings

4 Press the Set/Eject or ▶ button once.

Printer Settings
Ready to Print

5 Press the Set/Eject button once.

Printer Settings
Printing Tray 1

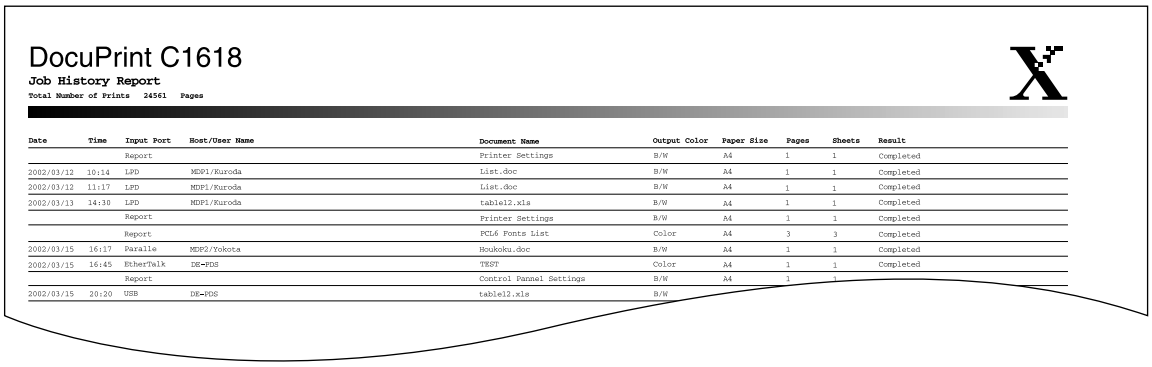
When printing is finished, the print screen reappears.

8.4.2 Checking the Print Log

Use the control panel to print the Job History Report. The print log is a report of the last 22 print jobs received by the printer. Use it to check whether the jobs were printed normally or not.

Note

When "Auto Log Print" in the "1:System" menu is set to "Yes", the print log is printed automatically every 22 print jobs (Default: "No"). For more details, refer to "5.3 List of Menu Items".



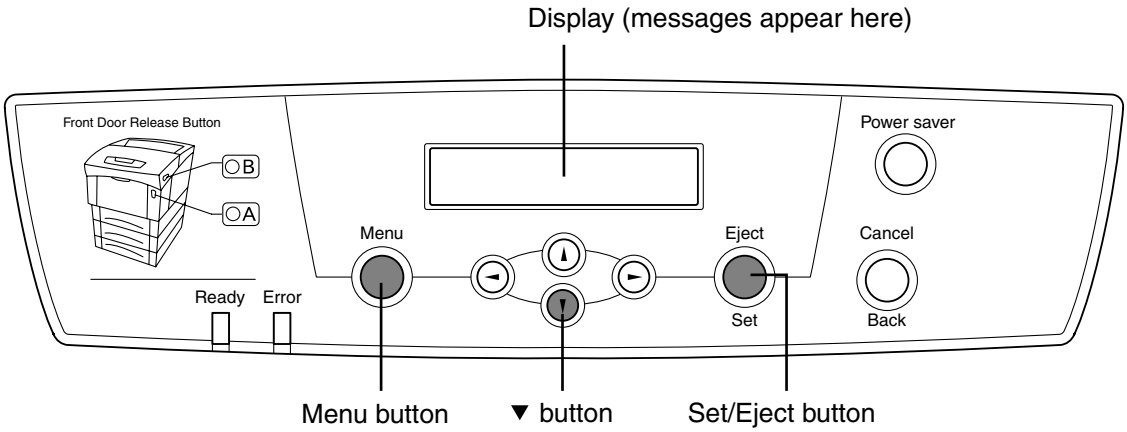
DocuPrint C1618

Job History Report

Total Number of Prints 24561 Pages

Date	Time	Input Port	Host/User Name	Document Name	Output Color	Paper Size	Pages	Sheets	Result
		Report		Printer Settings	B/W	A4	1	1	Completed
2002/03/12	10:14	LPD	MDP1/Kuroda	List.doc	B/W	A4	1	1	Completed
2002/03/12	11:17	LPD	MDP1/Kuroda	List.doc	B/W	A4	1	1	Completed
2002/03/13	14:30	LPD	MDP1/Kuroda	table12.xls	B/W	A4	1	1	Completed
		Report		Printer Settings	B/W	A4	1	1	Completed
		Report		PCL6 Fonts List	Color	A4	3	3	Completed
2002/03/15	16:17	Parallel	MDP2/Yokota	Houkoku.doc	B/W	A4	1	1	Completed
2002/03/15	16:45	EtherTalk	DE-FDS	TEST	Color	A4	1	1	Completed
		Report		Control Pannel Settings	B/W	A4	1	1	
2002/03/15	20:20	USB	DE-FDS	table12.xls	B/W				

This section describes how to print the Job History Report.
Use the following control panel buttons:

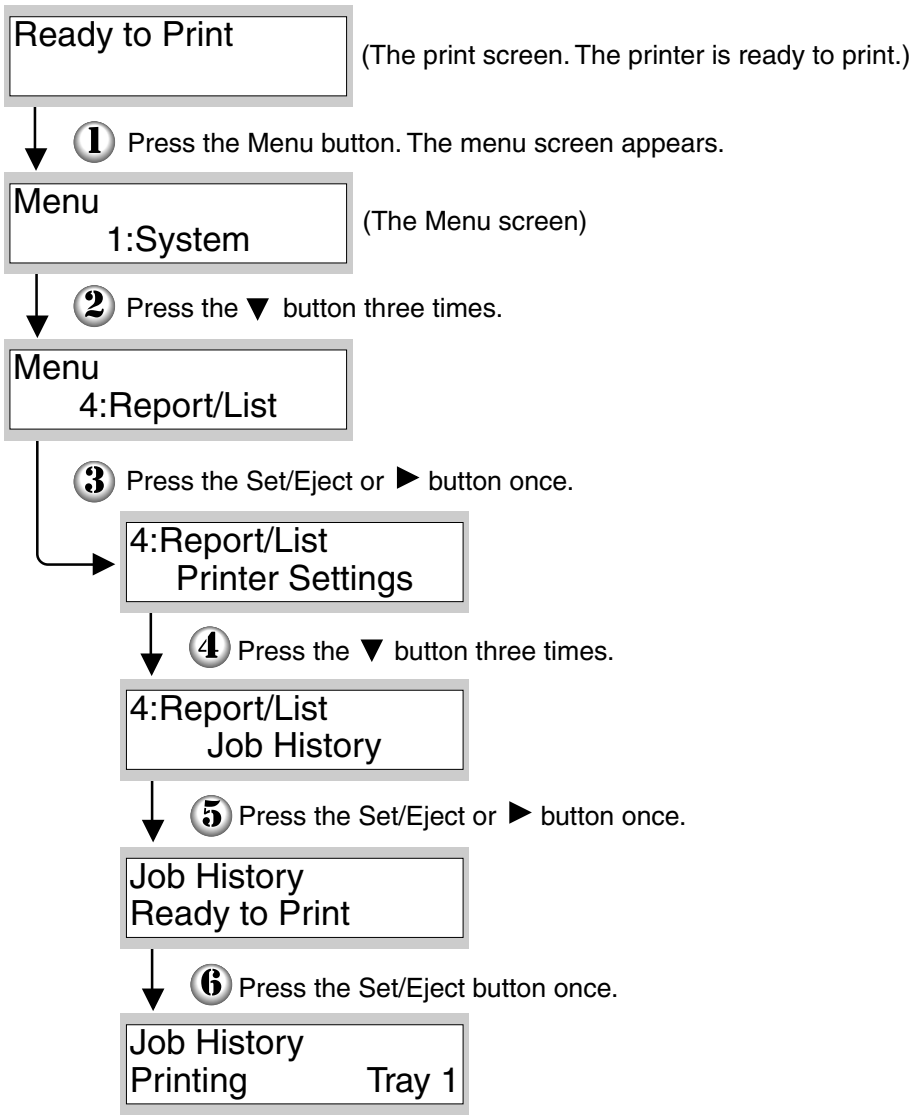


See

For details about control panel operations, refer to "5.2 Basic Menu Operation".

LOOK

The Job History Report is printed on A4 paper. Set the A4 paper lengthwise into the paper tray.



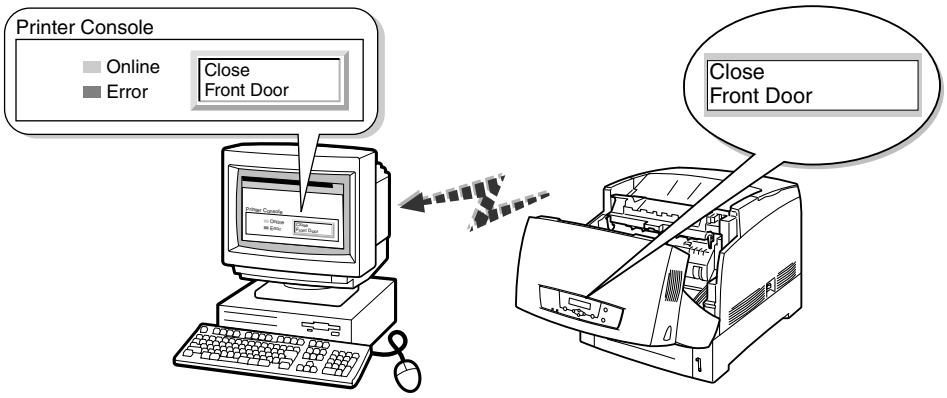
When printing is finished, the print screen reappears.

8.5 Confirming Printer Status from Your Computer

This printer features a variety of network tools that enable you to check the status of the printer from your computer through the network.
Using these tools saves you from having to leave your computer to check if the printer is working properly.
This section gives a basic introduction to the various tools.

8.5.1 Checking Status and Remaining Amounts of Consumables with a Web Browser

When using TCP/IP to communicate with the printer, you can check the printer status and make printer settings through the network from a Web browser.
This feature is called "CentreWare Internet Services".
CentreWare Internet Services also let you check the remaining amount of paper and consumables in the printer.



The following section describes the procedure to use CentreWare Internet Services.
The example presented here uses Microsoft Internet Explorer 6.0 running on Windows 98.

Procedure

1 Switch the computer on and start your Web browser.

LOOK

To ensure that CentreWare Internet Services is working correctly, you need to change the following settings of the browser.
And if the CentreWare Internet Services is not connected properly, check the settings below:

- Set "Check for newer versions of stored pages" to "Every visit to the page or Every time you start Internet Explorer".

See

For details about CentreWare Internet Services, refer to the Network Print Environment User Guide on the CD-ROM provided.

2 In the Address box of your Web browser, type the IP address or the Internet address of the printer.

Note

If you are not certain of the printer's IP address, print the Printer Settings list to confirm it. For details about printing the list, refer to "8.4.1 Confirming Printer Configuration and Network Settings".

Note

- If the network uses DNS (Domain Name System) and the printer host name is registered with the domain name server, you can access the printer using a combination of the host name and the domain name as the Internet address.
  DNS is a service that creates an IP address from a host name on the Internet. Consult your system administrator to learn if DNS is in use and the Internet address for the printer.
- With some proxy servers, CentreWare Internet Services might not appear, even if you input the IP address.
  When this occurs, refer to the Network Print Environment User Guide on the CD-ROM provided with the printer, and set your browser to connect directly to CentreWare Internet Services, without going through the proxy server.

Example 1: For IP address 129.249.242.179, type http://129.249.242.179/

FX400028-Home - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search
Address http://129.249.242.179/

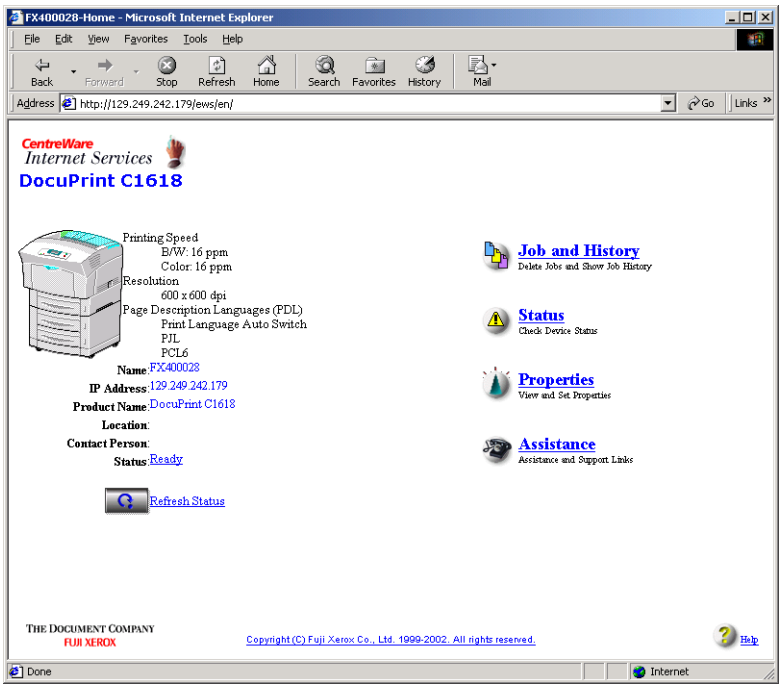
Example 2: For Internet address: dpc.aaa.bbb.fujixerox.co.jp, type http://dpc.aaa.bbb.fujixerox.co.jp/

FX400028-Home - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search
Address http://dpc.aaa.bbb.fujixerox.co.jp/

3 Press the Enter key.

The CentreWare Internet Services screen appears.

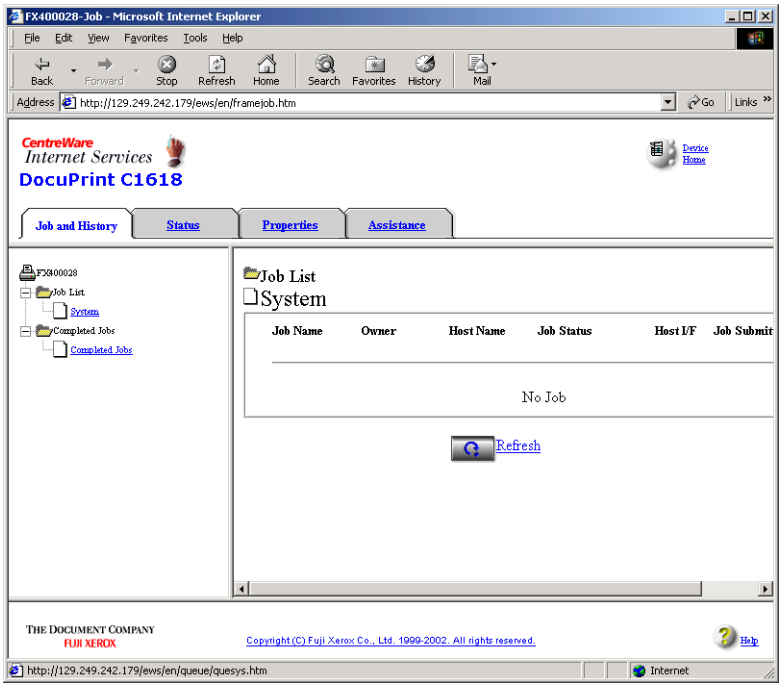
4 Click **Job and History**.



At the right of the screen, detailed status information about jobs requested from the control panel as well as each protocol is displayed.

Note

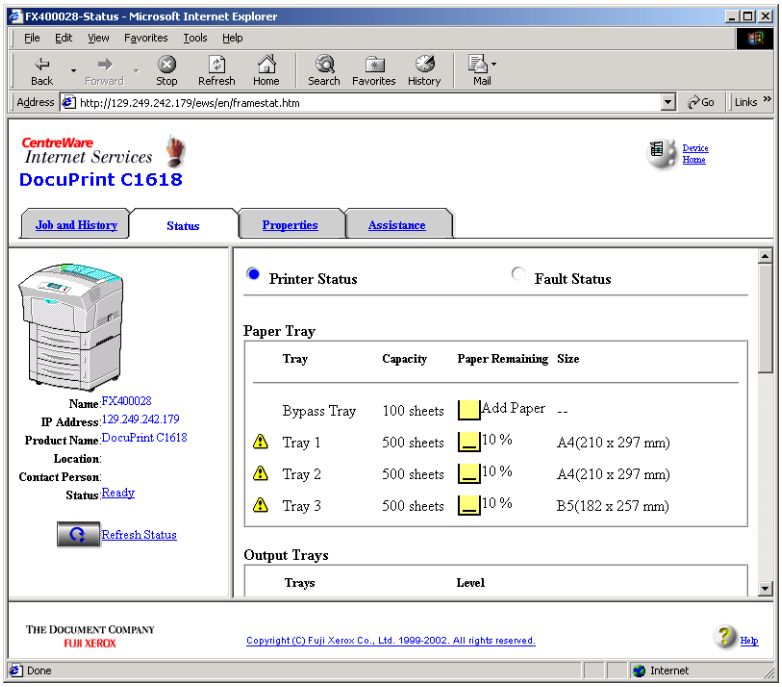
Click **Completed Jobs** in the tree on the left to view the print log of completed jobs.



5 Click the **Status** tab.

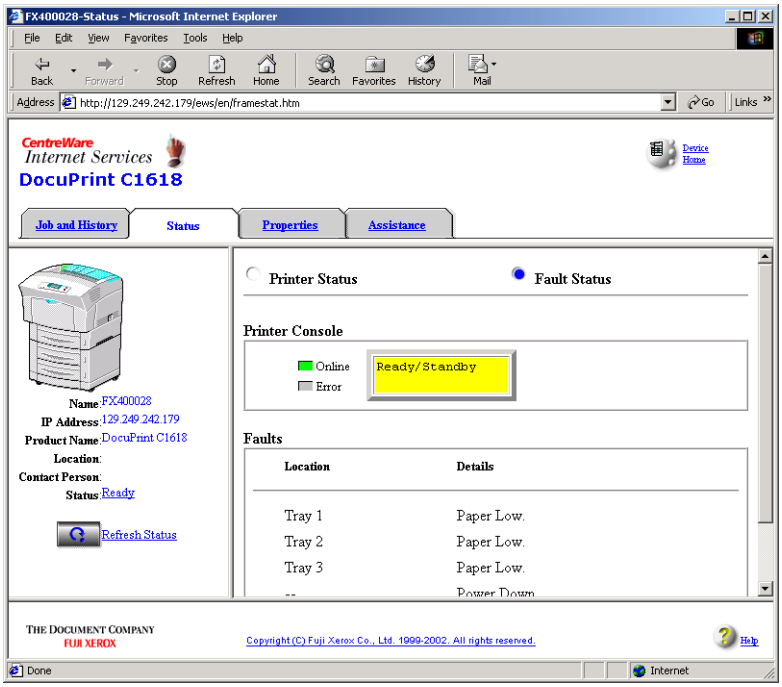
Printer information appears on the right side of the screen.

Information about paper trays, the output tray, printer covers, remaining consumables and toner, and the number of sheets output appears in this area.



6 Click **Fault Status**.

Event information appears on the right side of the screen.
Use this to check for errors. The control panel status of the is also displayed.



8.5.2 Checking Status From the Desktop

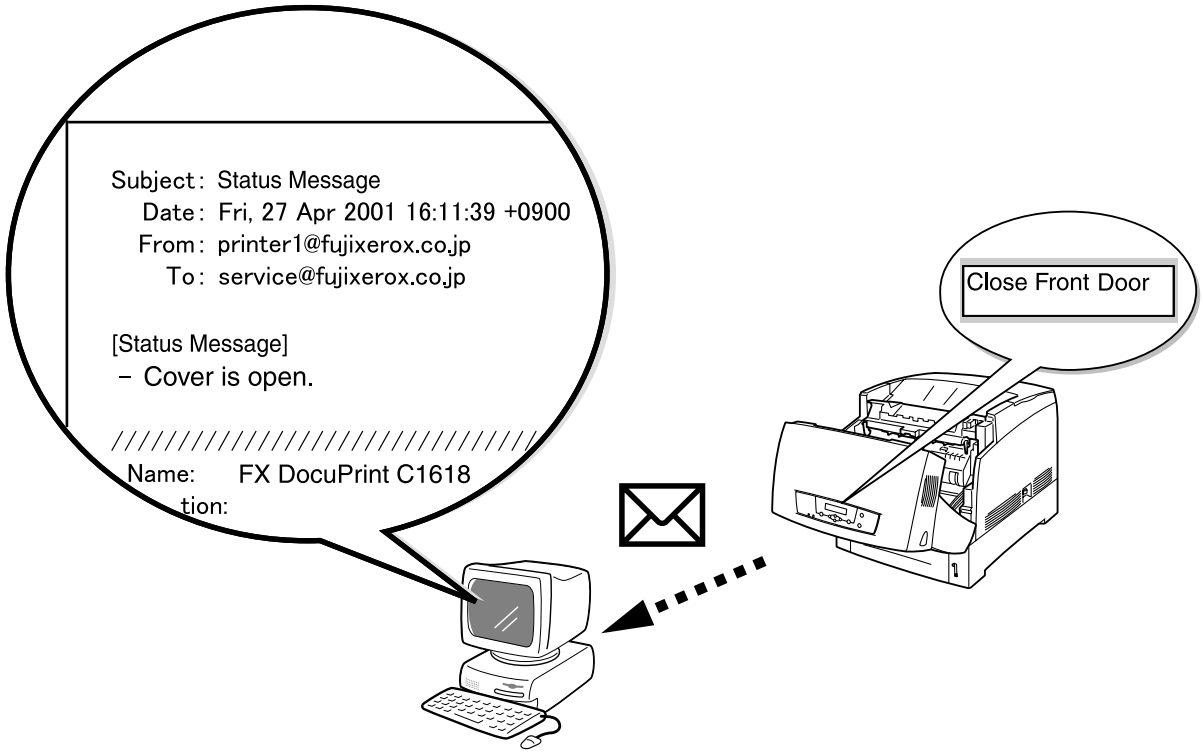
This printer features a network tool called "CentreWare Simple Status Notification" that enables you to check the status of the printer through the network from your Windows computer. With this tool, you can determine the status of the printer from the appearance of the icon displayed on the computer's desktop. You can also use this tool to start CentreWare Internet Services.
For more details, refer to the Network Print Environment User Guide on the CD-ROM provided.

8.5.3 Checking Status by E-Mail

When the printer uses TCP/IP, you can communicate with the printer by e-mail.

- When users inquire about network settings or the printer status, the printer sends a reply by e-mail.
- If an error occurs at the printer, the printer sends an error notification to the user by e-mail.

This function is called "Status Messenger".



See

For details about the necessary settings to use the Status Messenger and how to send e-mail, refer to the Network Print Environment User Guide on the CD-ROM provided.

8.6 Cleaning the Printer

We recommend that you clean the printer at least once a month to keep it in good working condition and to maintain print quality.

⚠CAUTION
Be sure to switch off and unplug the machine before accessing the interior of the machine for cleaning, maintenance, or fault clearance. Access to a live machine's interior can cause electric shocks.

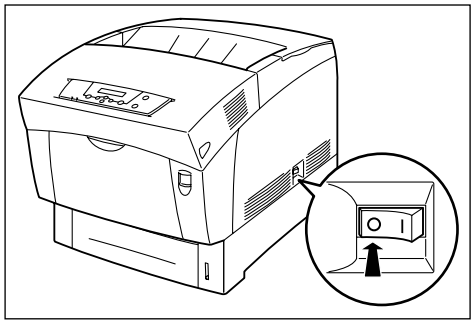
Cleaning Precautions

- Never spray anything directly onto the printer. Droplets can enter the printer and cause malfunctions. Never use detergents other than neutral detergents.
- Never lubricate the printer with oil. The printer does not require lubrication.
- Never use a vacuum cleaner to clean the printer.

Cleaning the Outside of the Printer

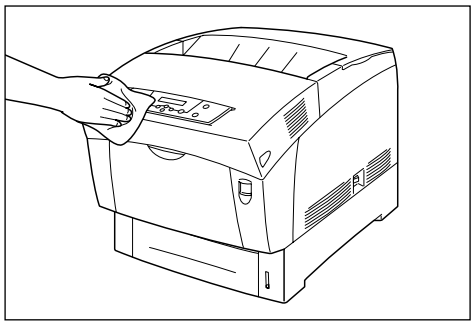
Procedure

1 On the printer's right side, press the side of the power switch marked " ○ " to switch off the printer.



2 Use a soft, damp, well-squeezed cloth to clean the outside of the printer.

If some stains prove difficult to remove, use a cloth lightly moistened with neutral detergent.



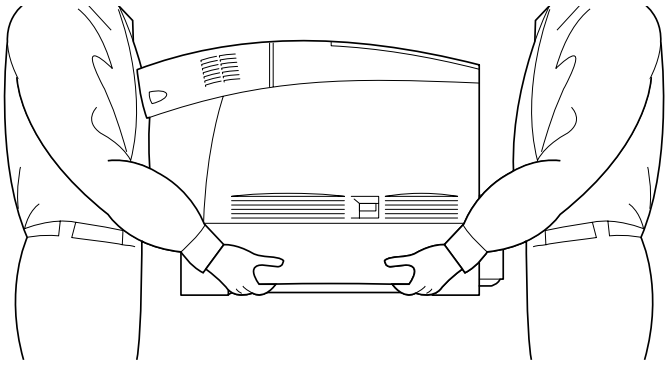
3 Wipe any remaining water with a soft, dry cloth.

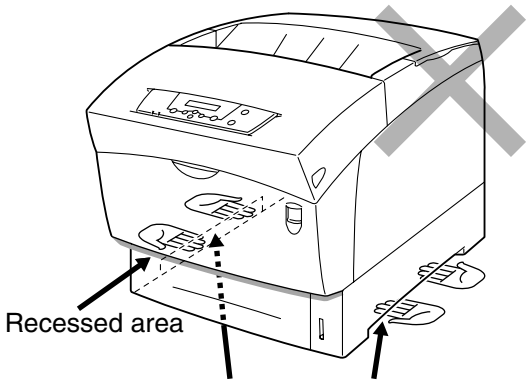
8.7 Moving the Printer

Before transporting the printer by car or truck over long distances, follow the procedure below to prevent strong vibrations from damaging the printer.

⚠CAUTION

- **The machine weighs 35.3 kg when the consumables and paper tray are fully assembled. When moving the equipment, make sure that there are two or more persons carrying it.**
- **When lifting the machine, face the front panel and firmly grip the recessed areas provided on both sides of the machine. Never try to lift the machine by gripping any other areas. Lifting the machine by gripping any other areas can cause the machine to fall and result in injuries.**
- **When lifting the machine, get a firm footing and bend your knees to avoid possible injuries to your back.**





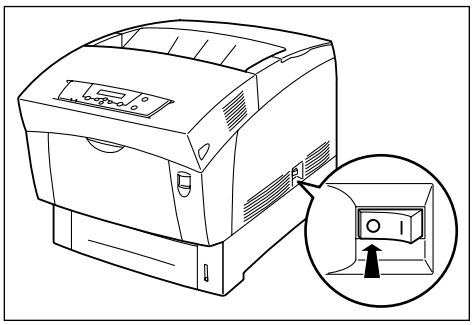
If you hold the printer by the front door, left or right sides, there is a danger of the printer falling.

LOOK

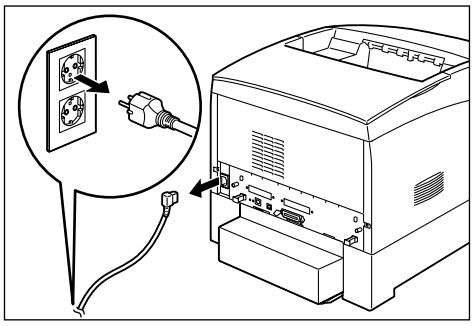
- When moving, do not allow the printer to tilt more than 10 degrees left, right, front or back. Wear-out parts in the printer can fall and cause damage.
- When moving, remove the toner cartridge. Loose toner can spill inside the printer and deteriorate print quality.
- When the optional 2 tray module is installed, remove it before transporting the printer. If the tray module is not removed, it may fall, resulting in damage or injuries. To remove 2 tray module, refer to the 2Tray Module Installation Guide.

Procedure

1 On the printer's right side, press the side of the power switch marked " ○ " to switch off the printer.



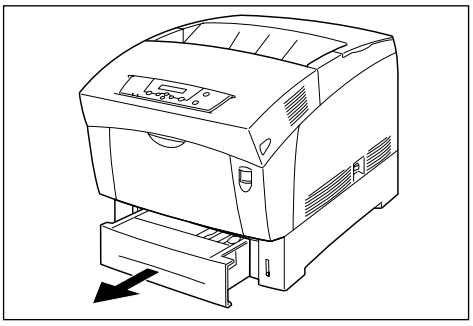
2 Disconnect the power cord, interface cable, and any other cables.



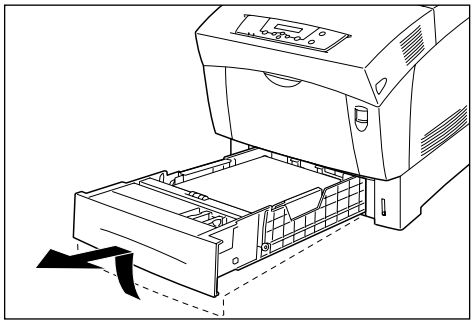
⚠WARNING
Never touch a power cord with wet hands. Danger of electric shock exists.

⚠CAUTION
When unplugging the machine, grasp the plug instead of the cord. Forcibly pulling on a cord can damage it and cause fire or electric shocks.

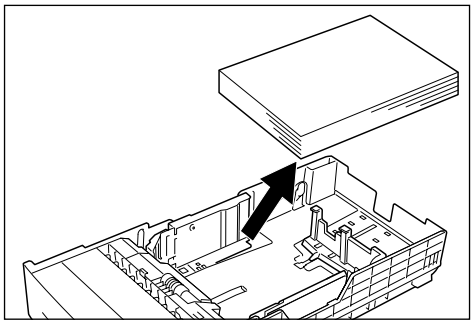
3 Gently pull out the paper tray until it stops.



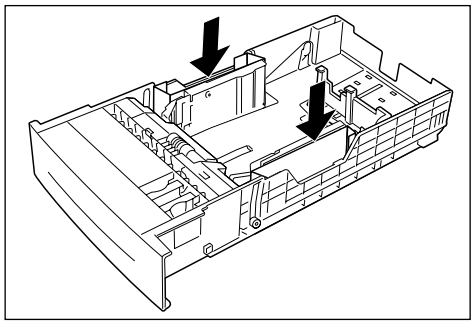
4 Hold the tray with both hands, lift the front slightly and pull it completely out of the printer.



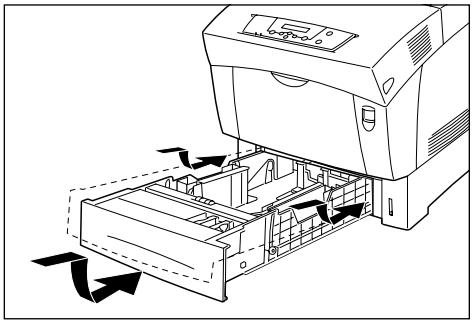
5 Remove the paper from the paper tray, and store it in a dry, dust-free place.



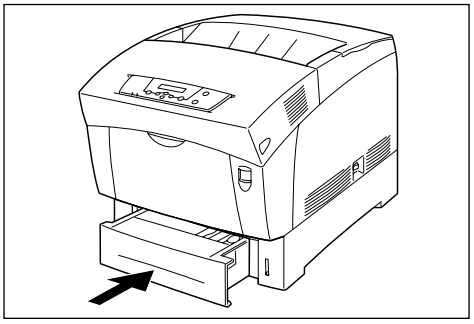
6 Insert the heavy weight paper spacers in the tray as illustrated.



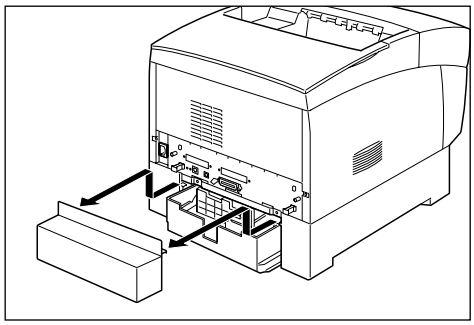
7 Hold the paper tray with both hands, align it with the opening in the printer and gently insert it.



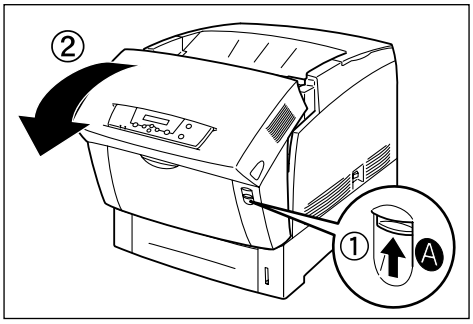
8 Push the paper tray completely back into the printer.



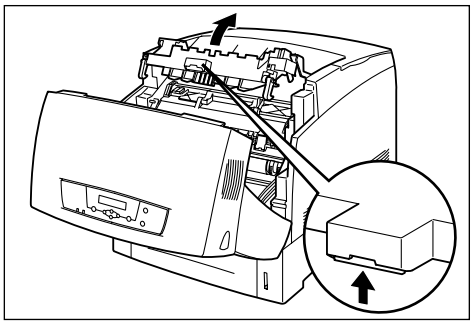
9 Remove the tray cover from the rear of the printer.



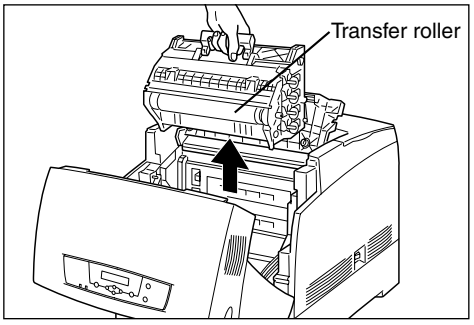
10 Push up button A (1) and fully open the front door (2).



11 Push the button as shown and open the paper outlet cover.



12 Grip the handle on top of the drum cartridge and gently lift it out of the printer.



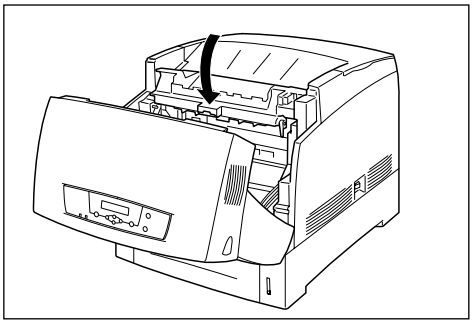
LOOK

- Do not touch the transfer roller.
- Hold the drum cartridge by its handle to prevent it from falling.

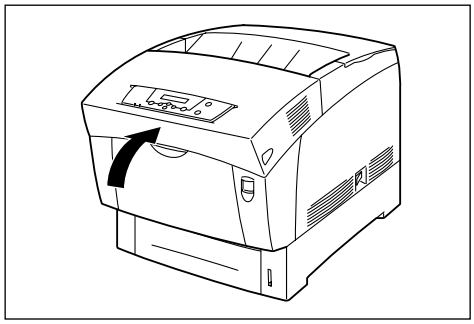
Note

Wrap the drum cartridge in its aluminum package or thick paper to avoid exposing it to direct sunlight or other strong light.

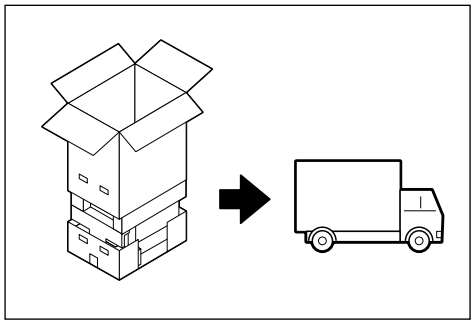
13 Close the paper outlet cover.



14 Close the front door.



15 To protect the printer from damage, pack it in a box before transporting it.



LOOK

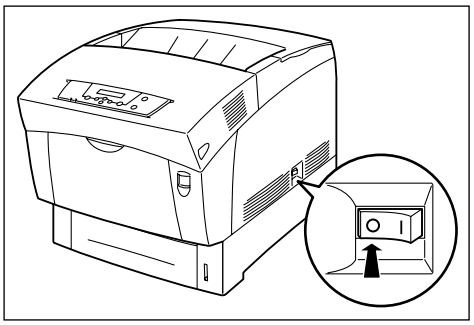
After moving the printer to the new location, you need to readjust the color registration. For details about this operation, refer to "1.1 Adjusting Color Registration".

8.8 Storing the Printer

Follow the procedure below when you do not need to use the printer for a long period.

Procedure

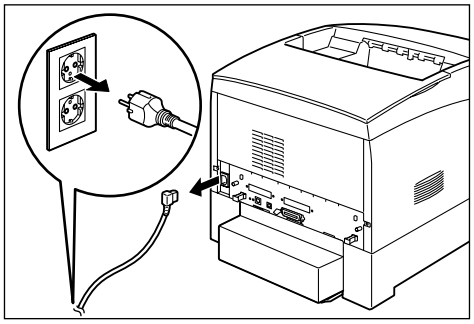
1 On the printer's right side, press the side of the power switch marked "○" to switch off the printer.



2 Disconnect the power cord, interface cable, and any other cables.

⚠WARNING
Never touch a power cord with wet hands. Danger of electric shock exists.

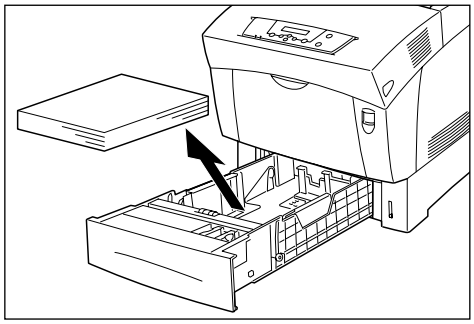
⚠CAUTION
When unplugging the machine, grasp the plug instead of the cord. Forcibly pulling on a cord can damage it and cause fire or electric shocks.



3 Remove the paper from the paper tray, and store it in a dry, dust-free place.

LOOK

If the paper proves difficult to remove, pull the tray completely out of the printer and try removing the paper again.



Appendix

A Introduction to Options and Consumables 218
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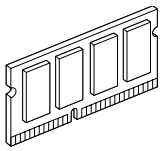
C Specifications 225
D Life Span of Consumables 229
E Obtaining Product Information 230
F Precautions and Limitations 233
G Glossary 233

A Introduction to Options and Consumables

The following options are available for this printer. To order any of these options, contact your Fuji Xerox or dealers.

A.1 Options

Additional Memory (128/256 MB)

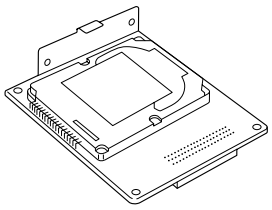


It may be necessary to expand the memory of your printer if you want to print color documents containing complex graphic layouts or large amounts of color image data.
Additional memory cards compatible with the printer must be of the following type:

- 144 pin SO-DIMM

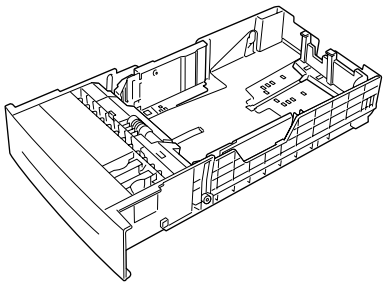
For the installation procedure, refer to the Setup Guide.

Hard Disk Kit



The optional hard disk enables high-speed sorting, when you print multiple copies of a document.
For the installation procedure, refer to the Setup Guide.

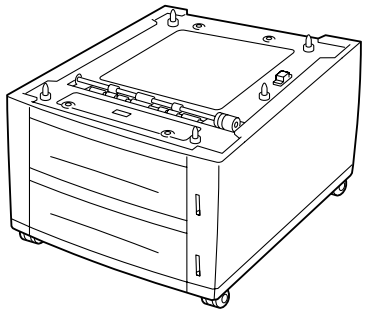
500sheets Cassette



This is the same as the standard tray supplied with the printer but is also available separately.

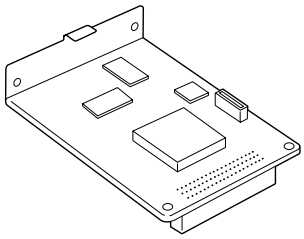
2Tray Module

This option allows you to attach an additional 2 trays to the printer. Each tray of the module holds up to 500 sheets of paper. When installed, the trays become the printer's tray 2 and tray 3.
To install the tray module, refer to the Setup Guide or the 2Tray Module Installation Guide.



Network Expansion Card

The printer can be adapted to support TCP/IP. Installing a network expansion card also allows you to print in NetWare, SMB, or EtherTalk networks.
For the installation procedure, refer to the Setup Guide. For details about configuring the printer for use on a network, refer to "1.2 Configuring the Printer" or the Network Print Environment User Guide.



Contents Bridge Enhancement Kit

By installing the Contents Bridge Enhancement Kit on the interface board, it is possible to output PDF files that comprise objects that use LZW compression, when using PDF direct printing.

PostScript3 Kit

You can use the machine as a PostScript printer by installing the PostScript3 Kit on the interface board.
For details, please refer to the User Guide (PostScript3 Kit).

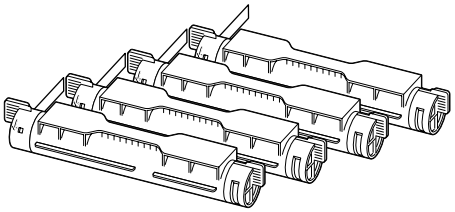
A.2 Consumables

LOOK

The following consumables are made exclusively for use with this printer. They cannot be used with other printers.

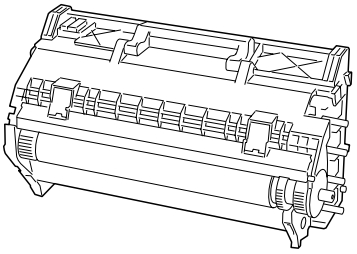
Toner Cartridges

The printer uses four toner cartridges: black, yellow, magenta, and cyan.
For the installation procedure, refer to "8.1.2 Replacing the Toner Cartridges".



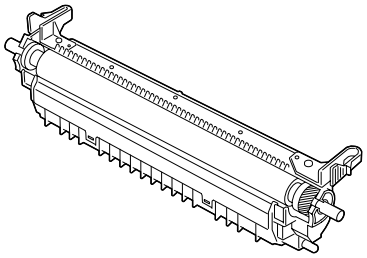
Drum Cartridge

Consists of the light-sensitive drum, the developer and the transfer roller.
For the installation procedure, refer to "8.2.2 Replacing the Drum Cartridge".

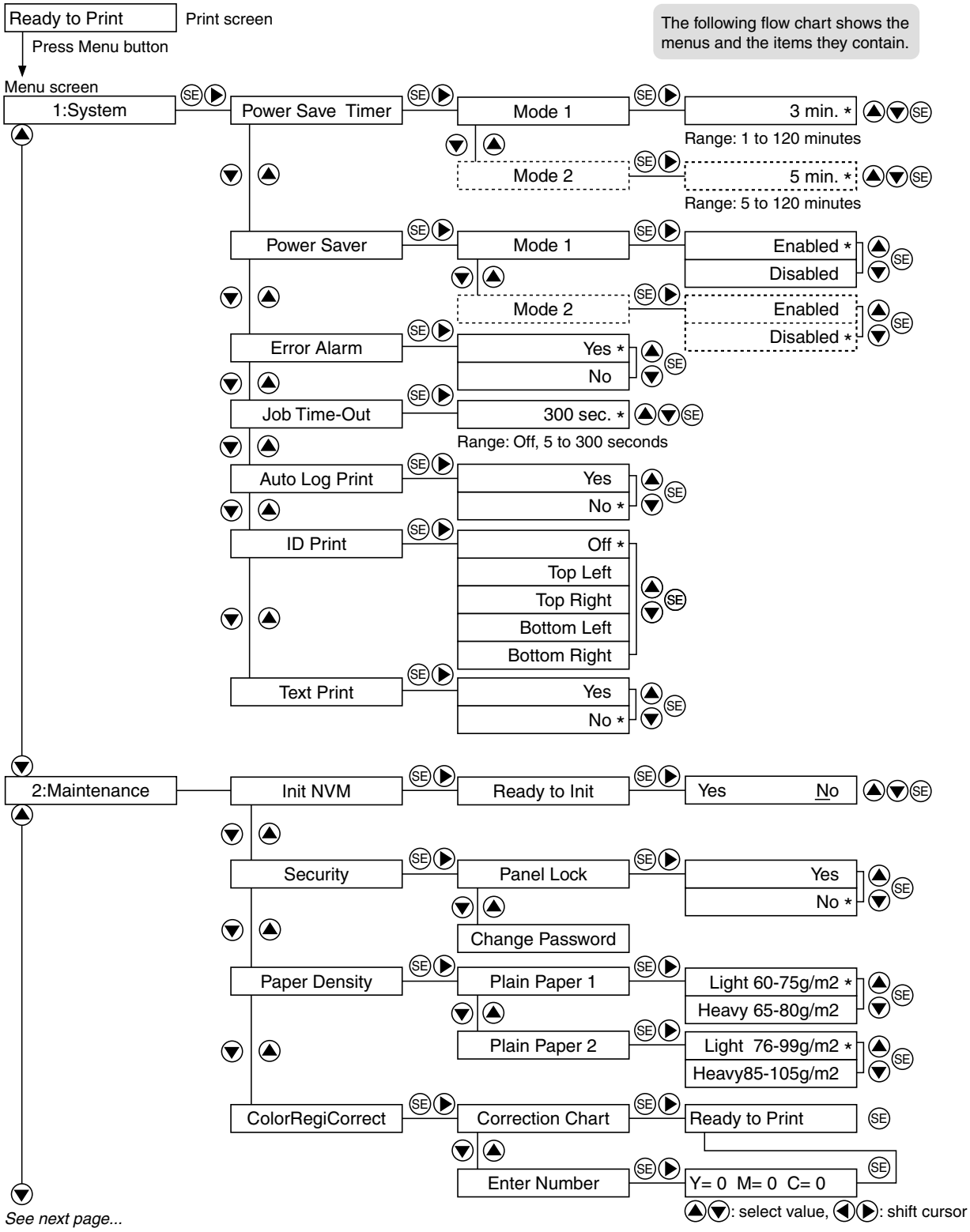


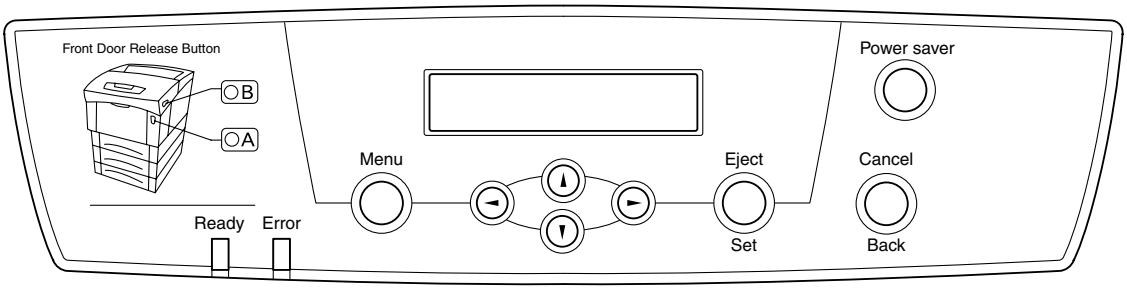
Transfer Roll Cartridge

The transfer roll cartridge consists of a transfer roller and a transfer roll collection box.
For the installation procedure, refer to "8.3.2 Replacing the Transfer Roll Cartridge".



B Control Panel Menu List

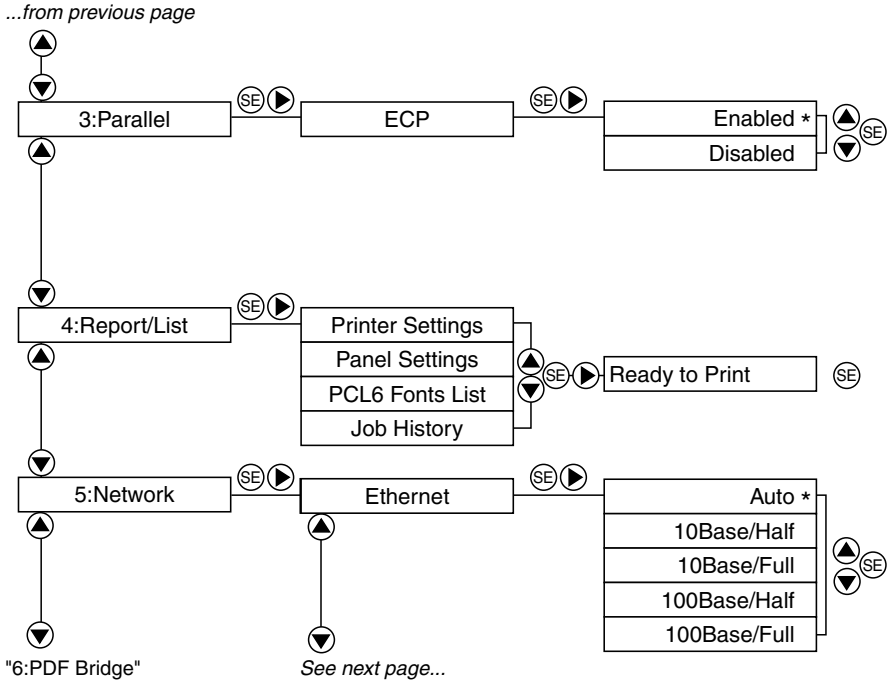


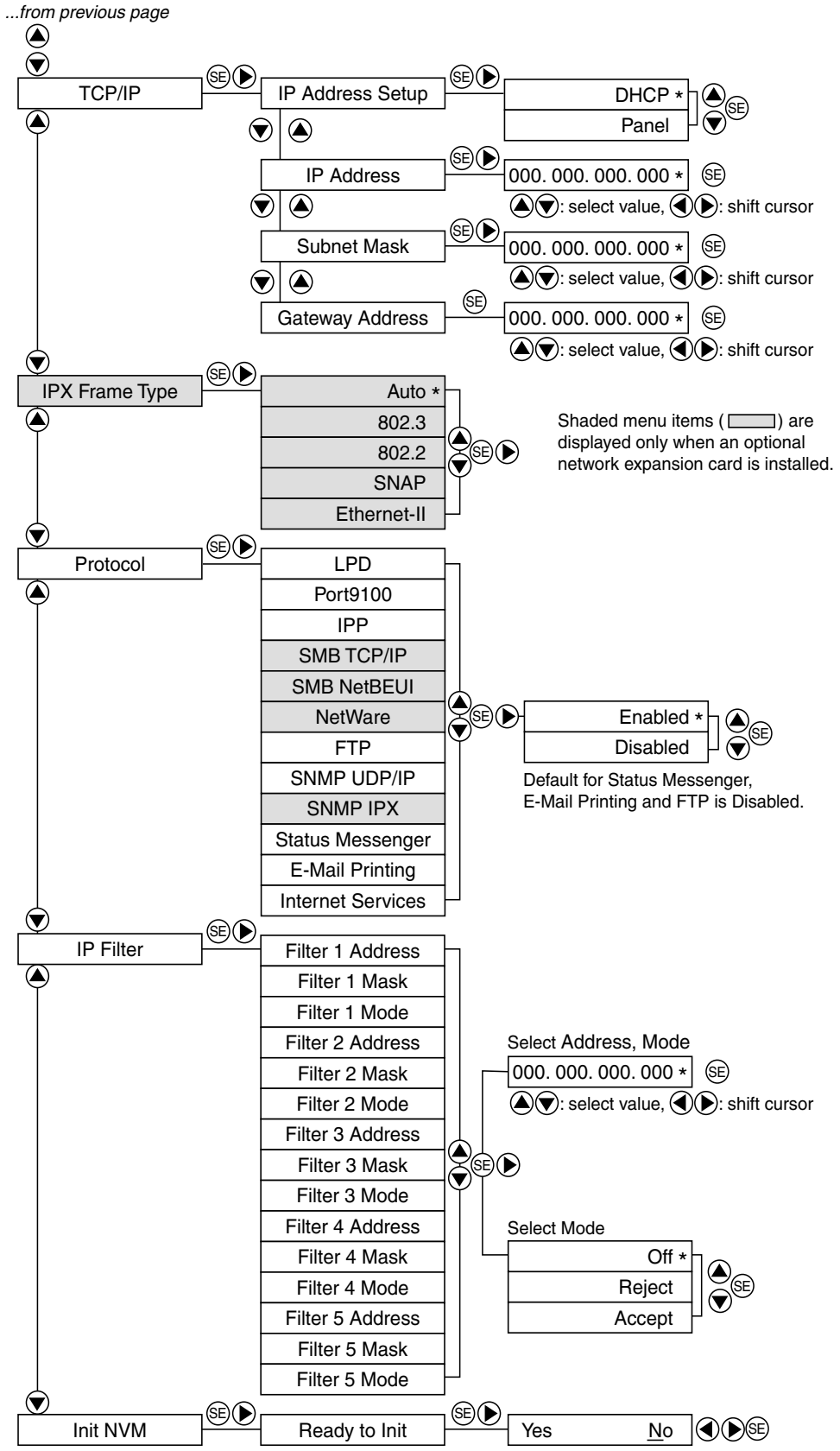


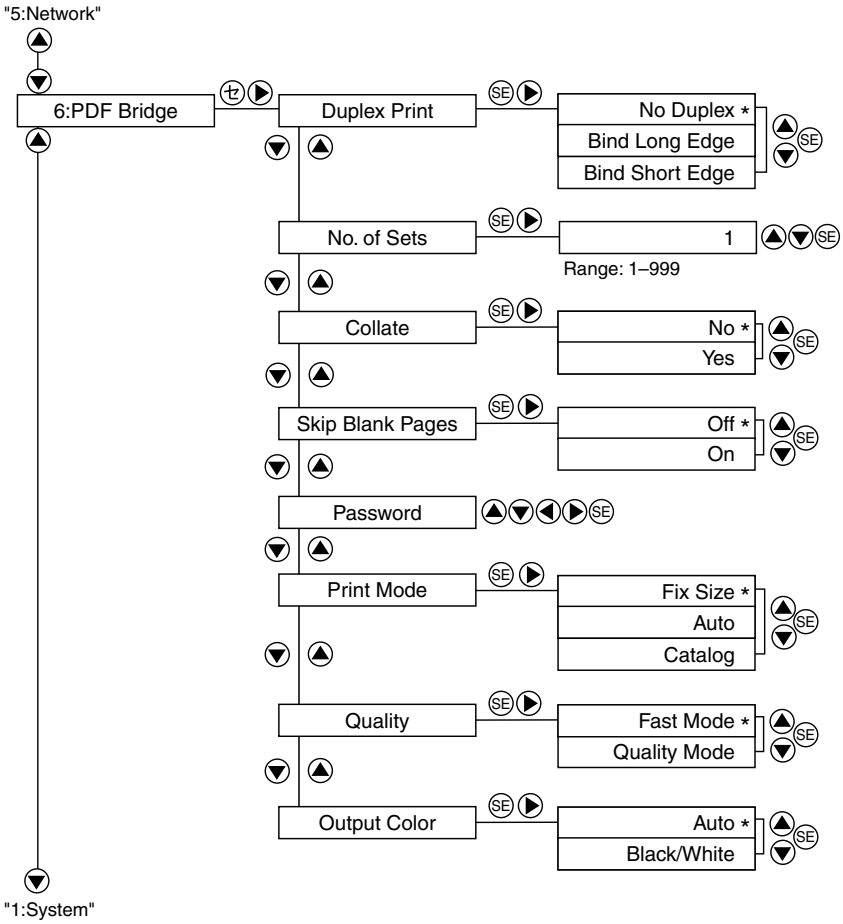
Symbols

▲ ▼ ◀ ▶	Press the ▲ ▼ ◀ ▶ buttons.	Press the ▲ and ▼ buttons to move between menus and items on the same level. Pressing the ▲ button moves to the previous menu or item. Pressing the ▼ button advances to the next menu or item. Press the ◀ and ▶ buttons to switch to different menu levels and move the cursor (_) between parameters. Pressing the ▶ button in a menu moves the menu one level down. Pressing the ◀ button moves the menu one level up.
SE	Press the Set/Eject button.	Moves to the next level. Also, press this button to set a parameter. (When the parameter is set, "*" appears next to it.)

- Pressing the Cancel/Back button returns to the preceding menu or item.
- To exit the menu screen, press the Menu button.
- "*" or "_" indicate defaults.
- To reset defaults, press the ▲ and ▼ buttons simultaneously.




...from previous page
TCP/IP
IP Address Setup
DHCP *
Panel
IP Address
000. 000. 000. 000 *
: select value, : shift cursor
Subnet Mask
000. 000. 000. 000 *
: select value, : shift cursor
Gateway Address
000. 000. 000. 000 *
: select value, : shift cursor
IPX Frame Type
Auto *
802.3
802.2
SNAP
Ethernet-II
Shaded menu items ( ) are displayed only when an optional network expansion card is installed.
Protocol
LPD
Port9100
IPP
SMB TCP/IP
SMB NetBEUI
NetWare
FTP
SNMP UDP/IP
SNMP IPX
Status Messenger
E-Mail Printing
Internet Services
Enabled *
Disabled
Default for Status Messenger, E-Mail Printing and FTP is Disabled.
IP Filter
Filter 1 Address
Filter 1 Mask
Filter 1 Mode
Filter 2 Address
Filter 2 Mask
Filter 2 Mode
Filter 3 Address
Filter 3 Mask
Filter 3 Mode
Filter 4 Address
Filter 4 Mask
Filter 4 Mode
Filter 5 Address
Filter 5 Mask
Filter 5 Mode
Select Address, Mode
000. 000. 000. 000 *
: select value, : shift cursor
Select Mode
Off *
Reject
Accept
Init NVM
Ready to Init
Yes
No


"5:Network"
6:PDF Bridge
Duplex Print
No Duplex *
Bind Long Edge
Bind Short Edge
No. of Sets
1
Range: 1–999
Collate
No *
Yes
Skip Blank Pages
Off *
On
Password
Print Mode
Fix Size *
Auto
Catalog
Quality
Fast Mode *
Quality Mode
Output Color
Auto *
Black/White
"1:System"

C Specifications

C.1 Printer Specifications

Type				Desktop Printer
Print Method				Laser Xerography
Resolution				1,200 dots/25.4 mm (1,200 dpi), 600 dots/25.4 mm (600 dpi)
Color Graduation				256 per color (16,700,000 colors)
Print speed(*1)	1,200dpi BW/Color	Plain paper	One- sided printing	8.0 sheets/minute
			Two-sided printing	5.0 sheets/minute
		Specialty paper (heavy weight paper, transparencies, labels)	One- sided printing	8.0 sheets/minute
			Two-sided printing	–
	600dpiBW/ Color	Plain paper	One- sided printing	16.0 sheets/minute
			Two-sided printing	10.0 sheets/minute
		Specialty paper (heavy weight paper, transparencies, labels)	One- sided printing	8.0 sheets/minute
			Two-sided printing	–
Paper Size				A5, B5, A4, 8.5 x 11" (Letter), 8.5 x 14" (Legal), custom (width: 90-216 mm, length: 139.7-900.0 mm)
Paper Type		Paper Tray		Plain paper 1 (69-75 g/m^2), plain paper 2 (76-99 g/m^2)
		Bypass Tray		Plain paper/Heavy weight paper (60-216 g/m^2), transparencies (Xerox film, no border), envelopes(*), labels, glossy paper. (*) Some envelope sizes are not suitable for use.
Paper Tray Capacity (Standard Domestic Paper)		Paper Tray		Standard: (Tray 1) 500 sheets(*) Option: 2 tray module (trays 2, 3) 500 sheets(*) x 2 (*) 350 A5 sheets
		Bypass Tray		100 sheets
Output Capacity		Face Down Tray		250 sheets (All sheets suitable for use with the printer.)

Memory Capacity	Standard: 64 MB (320 MB with optional memory installed.) Option: 128/256 MB (1 memory expansion slot available)
Fonts	Standard: 80 PCL Typefaces Option: 136 PostScript Fonts
PDL	Standard: PCL6 Emulation Option: PostScript3
Operating Systems Supported by the PCL6 Printer Driver	Windows® 95, Windows® 98, Windows® Me, Windows NT® 4.0 (Service Pack 4 or later), Windows® 2000, Windows® XP (Windows 98 Second Edition, Windows Me, Windows 2000, Windows XP for USB connections. However, we cannot guarantee the normal operation of all USB compatible equipment.)
Interface	Bi-directional parallel (IEEE1284 compliant) USB 2.0 (Full Speed) Ethernet 100Base-TX/10Base-T (TCP/IP) (*) (*) Other protocols available with the network expansion card installed.
Noise Level	Standby: 35 dB (A) or less, Operating (One-sided printing): 52 dB (A) or less, Operating (Two-sided printing): 53 dB (A) or less.
Power Supply	220/240 V ± 10 % (198 to 264 V), 50/60 Hz ± 3 Hz
Power Consumption	Operating: 850 W, Power saver mode 1: 45 W, Power saver mode 2: 4 W or less
Weight/Dimensions	Dimensions: 439 (W) x 638 (D)(*) x 445 (H) mm Weight: 35.3kg (*) With the paper tray mounted and the bypass tray retracted:

(*1)
- The values in the table indicate the maximum speeds for the A4 and Letter sizes fed lengthwise (portrait).
- This printer interrupts printing to clean the internal developer mechanism when continuously printing. "Please Wait..." is displayed on the control panel while the printer is cleaning.

C.2 Network Specifications

Common Specifications

Supported Standards	Ethernet Version 2.0 IEEE 802.3
Network Protocols	TCP/IP, SMB(*1), IPX/SPX (NetWare)(*1), AppleTalk (EtherTalk)(*2)
Interface	100Base-TX, 10Base-T

TCP/IP Specifications

Supported Operating Systems	Windows 95, Windows 98, Windows Me, Windows NT 4.0, Windows 2000, Windows XP
Frame Type	Ethernet_ II (Ethernet II)
Print Protocols	LPD(LPR), Port 9100 (Available in Windows 95, Windows 98, Windows Me, Windows 2000 and Windows XP), IPP (Available in Windows Me, Windows 2000 and Windows XP)
Management Protocols	http, SNMP, SMTP/POP3

SMB Specifications(*1)

Supported Operating Systems	Windows 95, Windows 98, Windows Me, Windows NT 4.0, Windows 2000, Windows XP
Print Protocols	SMB (TCP/IP), SMB (NetBEUI)

NetWare Specifications(*1)

Network Operating Systems	NetWare 3.12/3.2/4.1/4.11/4.2/5
Frame Type	Ethernet_II (Ethernet II), Ethernet_802.3 (IEEE 802.3), Ethernet_802.2 (IEEE 802.2), Ethernet_SNAP (IEEE 802.1 SNAP)
Print Protocols	Print server mode Remote server mode
Management Protocols	SNMP

AppleTalk (EtherTalk) Specifications(*2)

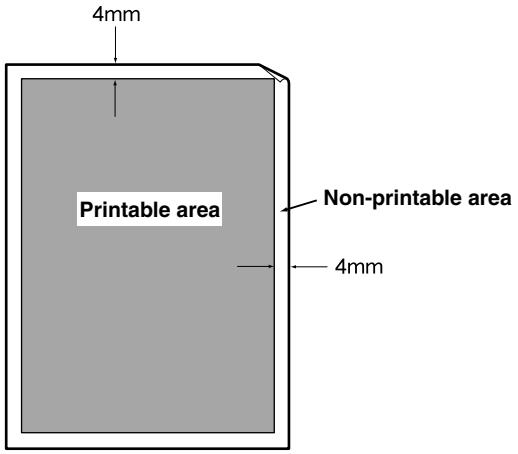
Supported Operating Systems	Mac OS 8.1-9.2.2
Frame Type	Ethernet_ SNAP (IEEE 802.1 SNAP)
Printer Type	Laser Writer

(*1) Optional network expansion card required.

(*2) Optional network expansion card and PostScript3 kit required.

C.3 Printable Area

When using A4, 8.5 × 14" (Legal) or smaller.



- "Printable area" refers to the area on a page where printing is possible.
- "Non-printable area" refers to the area (the edges) on the page where printing is not possible.

D Life Span of Consumables

Life Span of Consumables (in printable pages)

Consumable	Number of printable pages (*)
Black toner cartridge	About 8,500 pages
Yellow toner cartridge	About 6,000 pages
Magenta toner cartridge	About 6,000 pages
Cyan toner cartridge	About 6,000 pages
Drum cartridge	About 30,000 pages
Transfer roll cartridge (includes transfer roll collection box)	About 25,000 pages

(*) The number of printable pages corresponds to the printing conditions in the table below. The actual number of printable pages depends on the content of printed material, the paper size, and the operating environment.
The number of pages varies according to the initialization operation that occurs when turning the printer power on and off and the adjustments to maintain print quality.

Paper Size	A4 portrait
Coverage	5%
Monochrome/color ratio	1:1
Average number of sheets in a single print run	4

E Obtaining Product Information

The following information is provided on our internet home page:

- Latest product information
- Latest software
- Recommended applications
- Limitations of applications

URL: http://www.fujixeroxap.com

LOOK

The company will not be responsible for any communications fee incurred.

F Precautions and Limitations

Precautions and Limitations Relating to the Printer

Item	Explanation
Sound of movement	The sound of movement is pronounced when this printer is installed next to desks. Consider the surroundings when setting up the printer.
Paper wrinkles are generated when printing documents having high image density in two-sided mode.	When printing documents containing highly dense images to both sides of the paper, wrinkles can be generated, depending upon the type of paper you use. Print to thicker paper (such as Fuji Xerox JD paper, etc.).
Poor storing heavy weight paper on the exit tray.	Depending on the type of paper, it may curl a great deal when fixing the image. For that reason paper may not be stored properly in the exit tray. Use paper with a weight of less than 160 g/m^2.

Notes About Printing

Item	Explanation
A document's on-screen appearance and printout are not the same.	In some applications and document types, carriage returns and pages are inserted in unintended positions. To print documents as they appear on screen, set High Quality in Image Types in the Graphics tab (Windows) in the printer driver.
Thin lines don't print Thin lines are printed with different colors. Dotted lines are printed	Print with one of the following methods: This may result in correct printing. • Make thin lines thicker. • Specify a darker color. • Do not use yellow lines (particularly on a white background) if possible. It is recommended that you use a different color. • Select the Complementary Color Conversion check box with the Detailed Settings (for Windows) in the printer driver Graphics tab.
Shaded areas are printed with different colors. Patterns disappear. Patterns are printed with different colors. Shaded areas are marred with printed.	Make the following settings with the printer driver to print. This may print correctly. • Set Image Types to Transparencies in the Graphics tab (Windows). • Select the Complementary Color Conversion check box with the Detailed Settings in the Graphics tab (for Windows).
There are color variations in the same object.	Depending on the application program you use, one object may be separated into several and graphics in some locations may be sent to the printer as an image for a different location. Because this printer converts to the appropriate colors according to each graphic and image, color levels occur according to the differences in the results.
Printed with completely different colors that the specified graphic (blues are yellow, light blues are red, there are blanks, etc.).	This symptom occurs when set to Super Fine in Image Types in the Graphics tab (Windows) in the printer driver. Set the Strict Raster Operation to On with the Graphics tab (for Windows).

Item	Explanation
Printed results differ from the Standard and High Quality in the Image Types.	With Standard the printer processes internally with 300 x 300 dpi, and outputs at 600 x 600 dpi. With High Quality the printer processes internally with 600 x 600 dpi, and outputs at 600 x 600 dpi. For that reason, internal processing may result in slight differences in layout.
Spots are printed randomly or in regular places.	Spots are not printed to the same locations all the time. Print the job again.
Characters and lines are thicker compared to other printers from Fuji Xerox.	The transfer method differs from other printers so when printing with this printer, the characters and lines are printed a little thicker. For that reason, it may seem like characters are blotted, hard to see or that white characters are blotted.
When printing photo images after printing a large volume of data having the same image in the same place, such as the lines of a table, those images are printed faintly in those places where images of the previous data existed.	If there are ghosts on the drum, the images from previous data may also be printed. Either print a different document or temporarily stop printing. Try reprinting after allowing the printer to sit unused for a while. Also, outputting several hundred pages of the same document can place a load on the printer, which should be avoided.
When ghosts occur in the characters and lines (particularly when printing in environments having low temperature and low humidity).	Use at room temperature. In winter, allow the room to warm up before printing. If the problem persists, reprint with a color with which the ghost image is not obvious.
Ruined printing when using reduced printing	Depending on the document to print, characters and patterns may be blotted with outputting with reduced printing.
Outputting from Adobe Acrobat Reader 4.0/5.0, Adobe Acrobat	When printing PDF files from Adobe Acrobat Reader or Acrobat on Windows, it is recommended that Image Types be set to High Quality in the Graphics tab for printing. When using Standard, depending on the document you are printing, the contents may not be accurately reproduced, such as the characters being blurred.
Outputting with FTP	Output with FTP is only possible when using the PDF direct printing function to print.
When using the PDF direct print function	If using the PDF direct printing function, it is necessary to add 128 MB or 256 MB memory (optional).

Glossary

10Base-T
An IEEE802.3-compliant 10-Mbps base band twisted pair cable.

100Base-TX
An improved version of 10Base-T sometimes called "fast Ethernet". With a speed of 100 Mbps, it is a vast improvement over the 10-Mbps speed of 10Base-T.

Address
Unique identification assigned to individual nodes (computer terminals, printers, etc.) on a network. Addresses are also used to identify separate memory areas.

Bi-directional communications
Communications that involve sending and receiving information between 2 devices. With bi-directional communication, computers can send data to printers and the printer can send status data back to the computer.

Browser
Software used to access information from a Web server on your computer.
Commonly used browsers include Netscape® Communicator and Microsoft® Internet Explorer.

CD-ROM
A compact disc (CD) that contains data such as programs or images to be used with computers.

Click
The act of pressing and releasing the left mouse button once without moving the mouse. In this manual, "click" means pressing the left mouse button. Pressing the right mouse button is referred to as "right-click".
Another common mouse operation is the "double-click". It refers to pressing the left mouse button twice in quick succession without moving the mouse.

Client
On a network, computers called "servers" collect, store, and distribute information to other network computers called "clients" upon receiving requests from clients.

DHCP
"Dynamic Host Configuration Protocol". A protocol used to automatically assign IP addresses to DHCP clients from a DHCP server.

DNS
"Domain Name System". DNS is a service that creates IP addresses from host names on the Internet.

dpi
"Dots per inch". A unit used to describe printing resolution in terms of the number of dots printed in one inch (25.4 mm).

Drive
A device that reads from and/or writes to disks. Several types of disk drives are in common use: floppy disk drives, CD-ROM drives, and hard disk drives.

EtherTalk
One of the protocols developed for use with Macintosh "AppleTalk" network software.

Font
A set of characters of the same typeface (such as Times New Roman), style (such as italic), and weight (such as bold). A font consists of all the characters available in a particular style and weight for a particular typeface.

FTP
"File Transfer Protocol". A protocol used for communicating files and data in a TCP/IP system.

Full Color
The maximum number of different colors that computer screens can display. Approximately 16,770,000 colors.

G.S.M (g/m^2)
This is a measure of the substance of paper expressed in grams per square meter, which does not depend on the number of sheets in the ream.

Help
On-screen explanations about software or hardware.

HTTP
"Hyper Text Transfer Protocol". A protocol used to transfer data from Web servers on the Internet.

Install
The action required to load software or fit hardware into computers or peripherals to enable use. "Install" can refer to the process of either loading software into a computer, or fitting hardware such as a network expansion card into a printer.
In this manual, "Install" refers to both the installation of software and hardware.

Interface
Refers to the point where different systems interact with one another. "Interface" is often used to describe the communications links between computers or systems that allow users to interact with computers. "Interface" can also refer to the nature of an interface, in particular its electronic specifications.

Interface Cable
A cable connected between different pieces of equipment through which communications are carried.
Interface cables include parallel and USB cables used to connect printers and other peripherals to a computer, as well as Ethernet cables used to connect peripherals to a network.

IP Address
A TCP/IP address used on a network. IP addresses consist of numbers (base 10) separated by decimal points.

IPP
"Internet Printing Protocol". A printing protocol that uses HTTP.

Job
A specified amount of processing performed as a unit by a computer. For example, when a computer processes a file for printing, it is called a "print job". Printing is managed in units called "jobs", regardless of whether the job is printed or cancelled.

Legal
A standard paper size. 14 x 8.5" (approximately 356 x 216 mm). Widely used in the United States for contracts and other legal documents.

Letter
A standard paper size. 11 x 8.5" (approximately 279 x 216 mm). Widely used in the United States for business documents.

Local Printer
In this manual, "local printer" refers to a printer connected to a computer through a parallel or USB cable.

Log on
The process of accessing recourses in a computer system, such as printers or hard disks on a network. Conversely, closing the access is referred to as "logging off".

Multi-Up
A function that prints several pages of a document on one page. The printer is capable of print pages with 2, 4, 8, 16, and 32 up.

NetWare®
A network operating system developed by Novell Inc.

NetWare File Server
The specialized server required in a NetWare system. Server software operates on the server and client software operates on client computers.

Network Path
The path to a particular computer or file on a network.
Network paths are often specified using server names and so on.

Network Printer
In this manual, "network printer" refers to a printer connected to a network through an Ethernet cable.

NV Memory
"Non-volatile" random access memory. Stores configuration data even after the power is off.

OS
"Operating System". Software that controls the basic computer operations. The operating system is the foundation on which application software runs.

Parallel Interface
One of the methods available to transfer data to peripherals from a computer. Parallel interfaces allow the simultaneous transfer of multiple bit data. Printers are often connected to computers through parallel interfaces, such as the widely used Centronics parallel interface.

PDF File
"Portable Document Format" file. A format developed by Adobe Inc. used to create online documents with their Adobe Acrobat software. To read or print PDF files, you need to install Adobe Acrobat Reader on your computer.

Plug and Play
In Windows OS, it is a reference to the ability of the computer system to automatically configure a device added to it.

Port
The point of connection between computers and peripherals through which data passes.

Port 9100
A network communications facility for sending data with Windows 2000 and Windows XP. Works with a standard TCP/IP port monitor.
The TCP/IP Direct Print Utility can be used on Windows 95, Windows 98, and Windows Me with this printer.

Printer Driver
Software that converts data created with a program into a form that a printer can interpret.

Print Queue
A place in a computer's memory where print data is stored or queued until it can be sent to the desired printer for printing.

Protocol
Convention that allows different computers and peripherals to communicate with each other. An arranged procedure for transferring data between hardware or between computers across a network.

Resolution
Describes image quality in terms of detail and clarity. Usually expressed in dots per inch (dpi). The higher the resolution, the finer the image (image details become clearer).

Server
A network computer that collects, stores, and distributes information to other network computers or peripherals.
Computers that request information from the server are called "clients".

Sort
When printing multiple copies of a document, the sort function collates the document as it is printed out. For example, pages are printed in the order 1,2,3...1,2,3...

Software
Computer programs; instructions that make hardware work. Two main types of software are system software (operating systems) and applications.

SMB
"Server Message Block". A network communications facility developed for use on Windows networks (Microsoft network). Works with Windows 95, Windows 98, Windows Me, Windows NT 4.0, Windows 2000, and Windows XP.

SNMP
A protocol used to control network equipment through the network.
Consists of the SNMP Manager software (installed at the control end) and SNMP Agent software (installed at the controlled end).

Software
Software packages that people use for work or pleasure on their computers. Software sold on today's market includes programs such as word processors, spreadsheets, graphic editing programs, database programs, and many more.

TCP/IP
A protocol developed by DARPANET (Defense Advanced Research Project Agency Network). This is the most common protocol on the Internet. Machines ranging from personal to large-scale computers use it.

Uninstall
Removing software installed on a computer.

USB
"Universal Serial Bus". A method used for transferring data between the computer and peripheral devices. USB supports hot plugging, which greatly simplifies connecting peripherals, because you can connect equipment while your computer is on.

Web Page
Screens displayed on the computer using a Web browser are referred to as Web pages in this manual.

WINS
"Windows Internet Name Services". A service that creates IP addresses from computer names.

Wizard
Program used to install other software on a computer.

WWW
"World Wide Web". The Internet. A worldwide service that providing for the publication and access of Web sites.

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Customer Response Sheet

User Guide (DE-1329E2)
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